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1994
STATISTICAL PROFILE OF IOWA

Iowa Department of Economic Development

Did You Know?

- Among the fifty states, Iowa ranks 30th in population and 23rd in land area.
- Iowa has more miles of roads than 39 other states.
- Iowa farmers produced more than $10 billion in crops and livestock in 1991.
- The violent crime rate in Iowa is 63% lower than the national average.
- The 1993 census estimate for Iowa's population was 2,814,000.
- In 1990 the largest source of personal income for Iowans was services, followed by manufacturing, government, retail/wholesale trade.
- 25% of America's pork and 7% of the nation's grain fed beef are raised in Iowa.
- Iowa ranked first in the nation in production of red meat in 1991.
- 88% of Iowa's students graduate from high school compared to a national average of 71%.
- Iowa students have ranked first or second in the nation in ACT and SAT scores for the past two decades.
- Iowa hospitals ranked 5th lowest nationwide in charges per inpatient day and 9th lowest per outpatient visit in 1992.
- Iowa auto insurance rates are fourth lowest in the nation.
- Iowa ranked sixth as the "most liveable state".
- Iowa is the nation's 13th most productive state in manufacturing.
- The jobless rate in Iowa dropped to its lowest level in 15 years to 3.2% in August, 1993.
- Iowa's new employer, non-construction unemployment insurance rate is the lowest in the nation at 1%.
- In a survey of 85 major cities, Waterloo/Cedar Falls ranked lowest in the median sales price for homes in 1992.
- Iowa's population increased for the third consecutive year since 1990.
- No Iowan is more than 25 miles from a hospital.
- Iowa's sales tax is 5%.
- In 1992, tourists in the state of Iowa spent an average of $111.93 a day and stayed an average of 3.1 days.
- Iowa is the only state bordered by two navigable rivers.
- More than 88% of Iowa's businesses are classified as small (with fewer than 20 employees).
- Iowa has over 350 golf courses.
- Iowa is the nation's leading pheasant hunting state.
- Iowa has eight major ski areas.
- The highest single track railroad bridge in the country is located in Boone County.
- Iowa has 265 man-made and natural lakes.
- Iowa farmers produced nearly $3 billion worth of products for export in 1991.

DEPARTMENT OF
ECONOMIC DEVELOPMENT

1994
STATISTICAL PROFILE
OF IOWA

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IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT
200 E. Grand Avenue
Des Moines, Iowa 50309

Preface

The 1993 edition of the Statistical Profile of Iowa covers thirteen major topics including: population, education, quality of life, business climate, workforce, economy/income, government finances/taxes, tourism, transportation, exports, energy, climate, and families and children. The data presented have been gathered from various government and private sources which are listed at the end of each table. Additional information on specific subjects may be obtained by contacting those agencies/individuals listed in the Reference Section (Appendix A).

The Profile is available at no charge by writing the Iowa Department of Economic Development, Bureau of Planning and Research, or by calling (515) 242-4878.

Definitions For Terms Used Throughout This Book:

N/A = Not Available or Not Applicable

MSA = Metropolitan Statistical Area. An MSA, defined June 30, 1983 by the U.S. Office of Management and Budget must include at least:

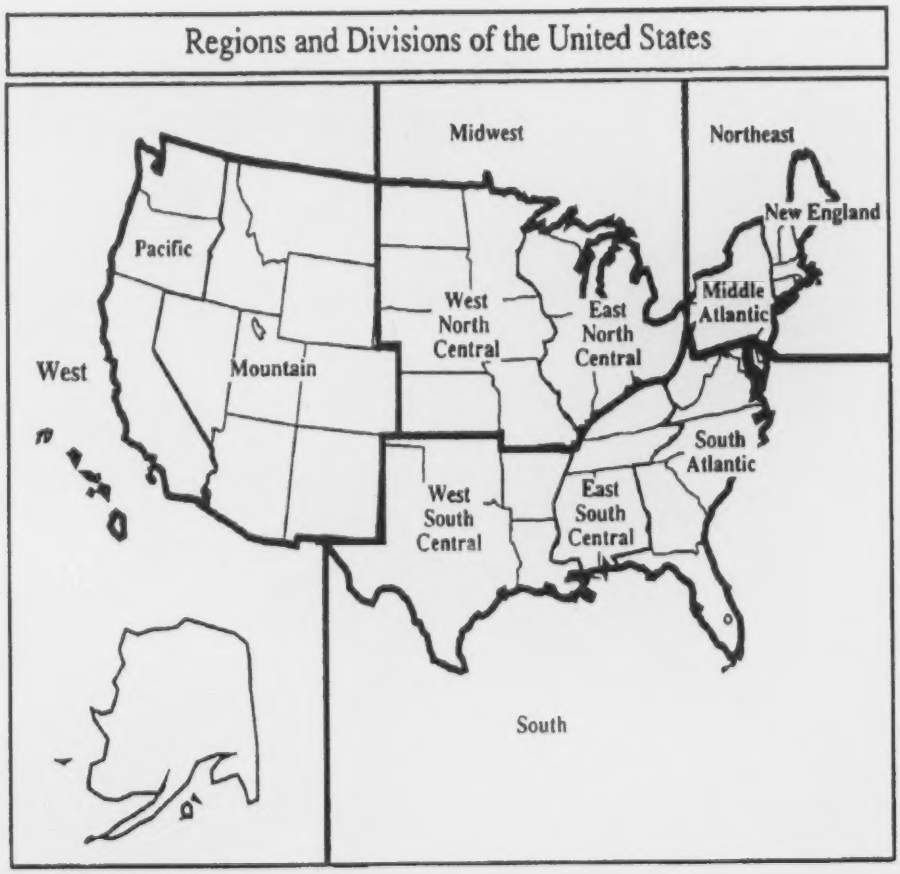
a. One city with 50,000 or more inhabitants, or

b. A Census Bureau-defined urbanized area of at least 50,000 inhabitants and a total MSA population of at least 100,000 (75,000 in New England).

NOTE: Iowa has seven MSA's (see map on following page).

SIC = Standard Industrial Classification. The SIC is a system for classifying establishments by type of economic activity. Each establishment is classified according to its primary activity.

MIDWESTERN STATES = The following states are designated as Midwestern: Iowa, Illinois, Indiana, Michigan, Ohio, Wisconsin, Kansas, Minnesota, Missouri, Nebraska, North Dakota and South Dakota. This designation was according to the U.S. Census Bureau definition of the Midwest. (see the map below).



Iowa Counties, Metropolitan Statistical Areas, and Selected Places

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POPULATION

The estimated population of the state of Iowa is 2,812,000 for 1992. The state's largest county, Polk County, has a population of 327,140. Iowa's ten largest cities are: Des Moines, 193,187; Cedar Rapids, 108,780; Davenport, 95,333; Sioux City, 80,505; Waterloo, 66,467; Dubuque, 57,546; Council Bluffs, 54,315; Iowa City, 59,738; Ames, 47,198; and Cedar Falls, 34,298.

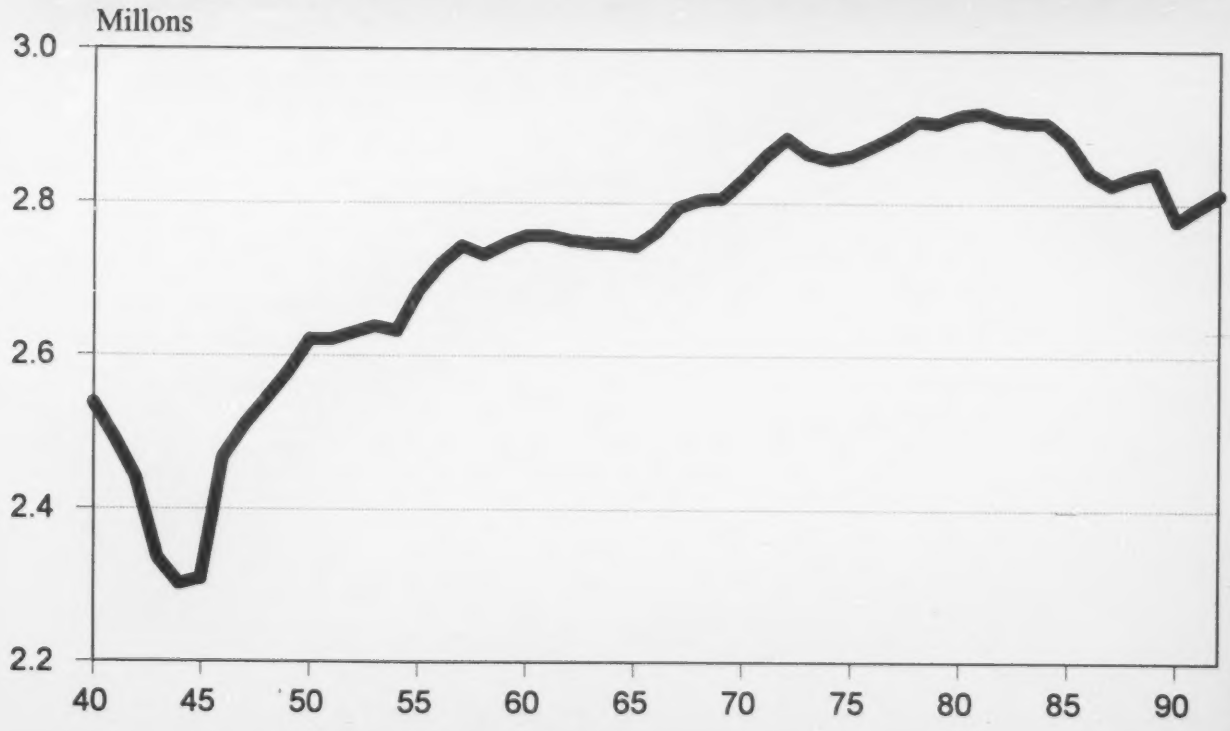
According to U.S. Census Bureau estimates, Iowa's population increased between 1991 and 1992. The 1991 county population estimates show 57 counties had population gains between 1990 and 1991. Our increase was driven mostly by our natural change and a greatly diminished level of outmigration.

Iowa growth has been evident from many other indicators, including employment numbers, tax receipts, building permits, etc. Outmigration has been a part of our history, but Iowa has reversed the trend in becoming an immigration state in 1992. In only 8 years since 1915, have we had immigration (excluding the post-war years when veterans had been returning).

Iowans, on average, are older now. In 1970, the median age was about 29. This year, it is closer to 34, and by 2005, it is expected to be nearly 39. The non-white population of Iowa is expected to increase rapidly between 1990 and 2005. In the next 15 years, the population is anticipated to grow by about 127,775 from 2.77 million to 2.9 million. During the same period, the non-white population is expected to increase by about 50,730 from about 114,680 to about 178,410.

Iowa's urban population totaled 1,686,000 in 1990, while rural inhabitants numbered 1,091,000. In 1990, 60.7% of the state's residents were designated as urban.

Iowa Population Trends, 1940-1992



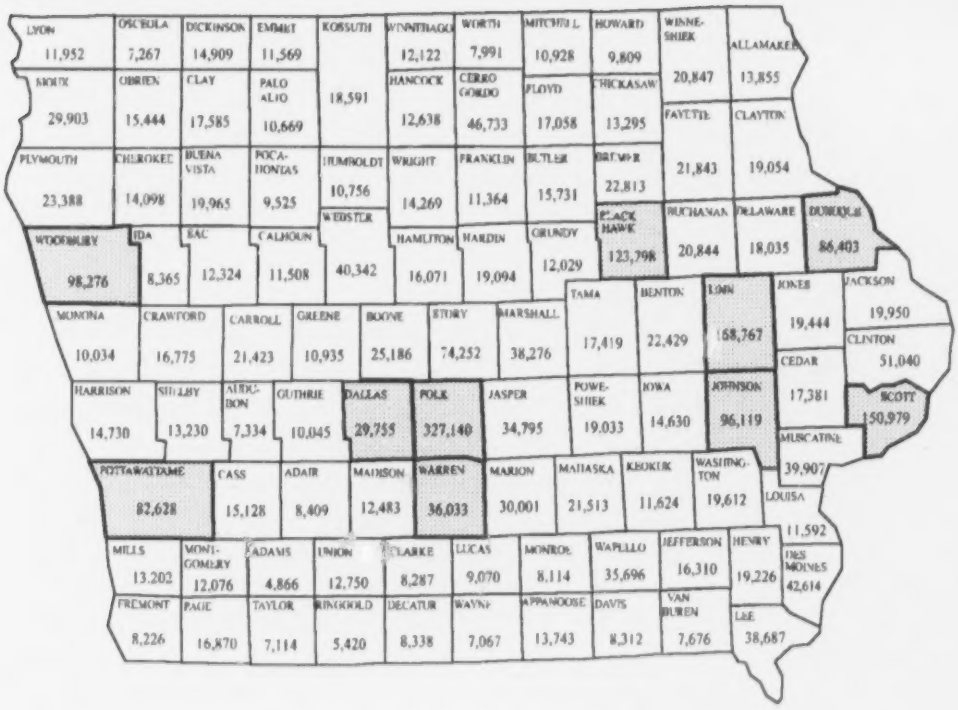
Current Population and Estimated Trends for Iowa Counties, 1980-91

County	1980	1990	Change 1980-90	Percent Change 1980-90	1991*
State Total	2,913,808	2,776,755	(137,053)	-4.70%	2,795,219
Adair	9,509	8,409	(1,100)	-11.57%	8,430
Adams	5,731	4,866	(865)	-15.09%	4,724
Allamakee	15,108	13,855	(1,253)	-8.29%	13,904
Appanoose	15,511	13,743	(1,768)	-11.40%	13,788
Audubon	8,559	7,334	(1,225)	-14.31%	7,267
Benton	23,649	22,429	(1,220)	-5.16%	22,552
Black Hawk	137,961	123,798	(14,163)	-10.27%	124,844
Boone	26,184	25,186	(998)	-3.81%	25,383
Bremer	24,820	22,813	(2,007)	-8.09%	22,894
Buchanan	22,900	20,844	(2,056)	-8.98%	20,956
Buena Vista	20,774	19,965	(809)	-3.89%	20,037
Butler	17,668	15,731	(1,937)	-10.96%	15,868
Calhoun	13,542	11,508	(2,034)	-15.02%	11,557
Carroll	22,951	21,423	(1,528)	-6.66%	21,452
Cass	16,932	15,128	(1,804)	-10.65%	15,056
Cedar	18,635	17,381	(1,254)	-6.73%	17,454
Cerro Gordo	48,458	46,733	(1,725)	-3.56%	47,193
Cherokee	16,238	14,098	(2,140)	-13.18%	14,085
Chickasaw	15,437	13,295	(2,142)	-13.88%	13,280
Clarke	8,612	8,287	(325)	-3.77%	8,276
Clay	19,576	17,585	(1,991)	-10.17%	17,597
Clayton	21,098	19,054	(2,044)	-9.69%	18,862
Clinton	57,122	51,040	(6,082)	-10.65%	50,974
Crawford	18,935	16,775	(2,160)	-11.41%	16,736
Dallas	29,513	29,755	242	0.82%	30,293
Davis	9,104	8,312	(792)	-8.70%	8,330
Decatur	9,794	8,338	(1,456)	-14.87%	8,166
Delaware	18,933	18,035	(898)	-4.74%	18,185
Des Moines	46,203	42,614	(3,589)	-7.77%	42,854
Dickinson	15,629	14,909	(720)	-4.61%	15,251
Dubuque	93,745	86,403	(7,342)	-7.83%	86,902
Emmet	13,336	11,569	(1,767)	-13.25%	11,634
Fayette	25,488	21,843	(3,645)	-14.30%	21,971
Floyd	19,597	17,058	(2,539)	-12.96%	16,864
Franklin	13,036	11,364	(1,672)	-12.83%	11,295
Fremont	9,401	8,226	(1,175)	-12.50%	8,156
Greene	12,119	10,045	(2,074)	-17.11%	10,084
Grundy	14,366	12,029	(2,337)	-16.27%	11,971
Guthrie	11,983	10,935	(1,048)	-8.75%	11,151
Hamilton	17,862	16,071	(1,791)	-10.03%	16,102
Hancock	13,833	12,638	(1,195)	-8.64%	12,503
Hardin	21,776	19,094	(2,682)	-12.32%	19,003
Harrison	16,348	14,730	(1,618)	-9.90%	14,705
Henry	18,890	19,226	336	1.78%	19,374
Howard	11,114	9,809	(1,305)	-11.74%	9,932
Humboldt	12,246	10,756	(1,490)	-12.17%	10,671
Ida	8,908	8,365	(543)	-6.10%	8,293
Iowa	15,429	14,630	(799)	-5.18%	14,784
Jackson	22,503	19,950	(2,553)	-11.35%	19,917
Jasper	36,425	34,795	(1,630)	-4.47%	34,717
Jefferson	16,316	16,310	(6)	-0.04%	16,331
Johnson	81,717	96,119	14,402	17.62%	97,226
Jones	20,401	19,444	(957)	-4.69%	19,568
Keokuk	12,921	11,624	(1,297)	-10.04%	11,634
Kossuth	21,891	18,591	(3,300)	-15.07%	18,300
Lee	43,106	38,687	(4,419)	-10.25%	39,022
Linn	169,775	168,767	(1,008)	-0.59%	170,665
Louisa	12,055	11,592	(463)	-3.84%	11,608
Lucas	10,313	9,070	(1,243)	-12.05%	9,157
Lyon	12,896	11,952	(944)	-7.32%	11,924
Madison	12,597	12,483	(114)	-0.90%	12,561
Mahaska	22,867	21,513	(1,354)	-5.92%	21,496
Marion	29,669	30,001	332	1.12%	30,279
Marshall	41,652	38,276	(3,376)	-8.11%	38,25[illegible]
Mills	13,406	13,202	(204)	-1.52%	13,3[illegible]
Mitchell	12,329	10,928	(1,401)	-11.36%	10,[illegible]
Monona	11,592	10,034	(1,658)	-14.18%	9,[illegible]
Monroe	9,209	8,114	(1,095)	-11.89%	8,169
Montgomery	13,413	12,076	(1,337)	-9.97%	11,969
Muscatine	40,436	39,907	(529)	-1.31%	40,575
O'Brien	16,972	15,444	(1,528)	-9.00%	15,481
Osceola	8,371	7,267	(1,104)	-13.19%	7,235
Page	19,063	16,870	(2,193)	-11.50%	16,786
Palo Alto	12,721	10,669	(2,052)	-16.13%	10,593
Plymouth	24,743	23,388	(1,355)	-5.48%	23,418
Pocahontas	11,369	9,525	(1,844)	-16.22%	9,431
Polk	303,170	327,140	23,970	7.91%	333,071
Pottawattamie	86,561	82,628	(3,933)	-4.54%	82,874
Poweshiek	19,306	19,033	(273)	-1.41%	18,957
Ringgold	6,112	5,420	(692)	-11.32%	5,393
Sac	14,118	12,324	(1,794)	-12.71%	12,165
Scott	160,022	150,979	(9,043)	-5.65%	153,318
Shelby	15,043	13,230	(1,813)	-12.05%	13,299
Sioux	30,813	29,903	(910)	-2.95%	30,235
Story	72,326	74,252	1,926	2.66%	75,032
Tama	19,533	17,419	(2,114)	-10.82%	17,365
Taylor	8,353	7,114	(1,239)	-14.83%	7,090
Union	13,858	12,750	(1,108)	-8.00%	12,644
Van Buren	8,626	7,676	(950)	-11.01%	7,747
Wapello	40,241	35,696	(4,545)	-11.29%	35,769
Warren	34,878	36,033	1,155	3.31%	36,515
Washington	20,141	19,612	(529)	-2.63%	19,960
Wayne	8,199	7,067	(1,132)	-13.81%	7,043
Webster	45,953	40,342	(5,611)	-12.21%	40,383
Winnebago	13,010	12,122	(888)	-6.83%	11,985
Winneshiek	21,876	20,847	(1,029)	-4.70%	20,856
Woodbury	100,884	98,276	(2,608)	-2.59%	99,257
Worth	9,075	7,991	(1,084)	-11.94%	7,890
Wright	16,319	14,269	(2,050)	-12.56%	14,167

** Estimated.*

Source: U.S. Department of Commerce, Bureau of the Census.

1990 Population for Iowa Counties



Ten Largrest Counties	1990	1980	Percent Change 1980-1990
Polk	327,140	303,170	7.91%
Linn	168,767	169,775	-0.59%
Scott	150,979	160,022	-5.65%
Black Hawk	123,798	137,961	-10.27%
Woodbury	98,276	100,884	-2.59%
Johnson	96,119	81,717	17.62%
Dubuque	86,403	93,745	-7.83%
Pottawattamie	82,628	86,561	-4.54%
Story	74,252	72,326	2.66%
Clinton	51,040	57,122	-10.65%

Source: U.S. Department of Commerce, Bureau of the Census.

Iowa's 100 Fastest Growing Communities, 1980-1990

Community (ranked)	1980	1990	Change	% Change	Community (ranked)	1980	1990	Change	% Change
Elkhart	256	388	132	51.56%	Conesville	301	334	33	10.96%
West Des Moines	21,894	31,702	9,808	44.80%	Sioux Center	4,588	5,074	486	10.59%
North Liberty	2,046	2,926	880	43.01%	Grafton	255	282	27	10.59%
Osterdock	35	49	14	40.00%	Craig	105	116	11	10.48%
Okoboji	559	775	216	38.64%	Colfax	2,234	2,462	228	10.21%
Coralville	7,687	10,347	2,660	34.60%	Ralston	108	119	11	10.19%
Grimes	1,973	2,653	680	34.47%	Harpers Ferry	258	284	26	10.08%
Urbandale	17,869	23,500	5,631	31.51%	Braddyville	199	219	20	10.05%
Redding	91	119	28	30.77%	Mount Vernon	3,325	3,657	332	9.98%
Wahpeton	372	484	112	30.11%	Joice	223	245	22	9.87%
Hartwick	92	115	23	25.00%	Rome	113	124	11	9.73%
Altoona	5,764	7,191	1,427	24.76%	Clear Lake	7,458	8,183	725	9.72%
Bondurant	1,283	1,584	301	23.46%	Le Roy	31	34	3	9.68%
Clive	6,064	7,462	1,398	23.05%	Mount Pleasant	7,322	8,027	705	9.63%
Searsboro	134	164	30	22.39%	Lone Rock	169	185	16	9.47%
Ely	425	517	92	21.65%	Donahue	289	316	27	9.34%
Hills	547	662	115	21.02%	Mitchellville	1,530	1,670	140	9.15%
Robins	726	875	149	20.52%	Inwood	755	824	69	9.14%
Ankeny	15,429	18,482	3,053	19.79%	Randolph	223	243	20	8.97%
Newell	913	1,089	176	19.28%	Grandview	473	514	41	8.67%
Iowa City	50,508	59,738	9,230	18.27%	Huxley	1,884	2,047	163	8.65%
Benton	33	39	6	18.18%	Solon	969	1,050	81	8.36%
Wayland	720	838	118	16.39%	Neola	839	909	70	8.34%
Adel	2,846	3,304	458	16.09%	Archer	134	145	11	8.21%
Centralia	106	123	17	16.04%	Thurman	221	239	18	8.14%
Woodburn	207	240	33	15.94%	Prairieburg	197	213	16	8.12%
Polk City	1,658	1,908	250	15.08%	Lawton	447	482	35	7.83%
Pioneer	40	46	6	15.00%	Alton	986	1,063	77	7.81%
Underwood	448	515	67	14.96%	West Liberty	2,723	2,935	212	7.79%
Sergeant Bluff	2,416	2,772	356	14.74%	Orange City	4,588	4,940	352	7.67%
Fairfax	683	780	97	14.20%	Washington	6,584	7,074	490	7.44%
Leland	274	311	37	13.50%	Pacific Junction	511	548	37	7.24%
Columbus Junction	1,429	1,616	187	13.09%	Bouton	139	149	10	7.19%
Kellerton	278	314	36	12.95%	Story City	2,762	2,959	197	7.13%
Waukee	2,227	2,512	285	12.80%	Franklin	142	152	10	7.04%
Kinross	79	89	10	12.66%	Malcolm	418	447	29	6.94%
Maysville	151	170	19	12.58%	Williamsburg	2,033	2,174	141	6.94%
Peosta	120	135	15	12.50%	Dallas Center	1,360	1,454	94	6.91%
Scarville	82	92	10	12.20%	Prairie City	1,278	1,366	88	6.89%
Martensdale	438	491	53	12.10%	Arcadia	454	485	31	6.83%
Albumett	411	459	48	11.68%	Deep River	323	345	22	6.81%
Bevington	60	67	7	11.67%	Ladora	289	308	19	6.57%
Minden	483	539	56	11.59%	Harper	138	147	9	6.52%
Coburg	52	58	6	11.54%	East Peru	124	132	8	6.45%
Tiffin	413	460	47	11.38%	Center Point	1,591	1,693	102	6.41%
Montezuma	1,485	1,651	166	11.18%	Coppock	47	50	3	6.38%
Milo	778	864	86	11.05%	Walford	285	303	18	6.32%
Osceola	3,750	4,164	414	11.04%	South English	211	224	13	6.16%
Pella	8,349	9,270	921	11.03%					

Source: U.S. Department of Commerce, Bureau of the Census

Iowa Population by Age and Sex: 1980, 1985, 1990

Age	April 1, 1980 Census	July 1, 1985 Estimate	April 1, 1990 Census
TOTAL	2,914	2,873	2,777
Under 5 years	222	210	193
5 to 14 years	443	413	414
15 to 24 years	550	472	396
25 to 34 years	449	492	429
35 to 44 years	303	349	395
45 to 54 years	281	261	274
55 to 64 years	279	265	250
65 to 74 years	215	225	227
75 to 84 years	128	135	144
85 years and over	45	51	55
5 to 17 years	604	545	526
18 to 24 years	388	341	284
Median age	30.0	31.7	34.0
FEMALE	1,497	1,475	1,432
Under 5 years	108	103	94
5 to 14 years	216	201	201
15 to 24 years	274	235	195
25 to 34 years	222	242	216
35 to 44 years	153	176	197
45 to 54 years	144	133	140
55 to 64 years	147	139	131
65 to 74 years	121	125	126
75 to 84 years	81	85	90
85 years and over	32	37	41
5 to 17 years	295	265	256
18 to 24 years	195	171	140
Median age	31.4	33.1	35.4
MALE	1,416	1,398	1,345
Under 5 years	113	107	99
5 to 14 years	227	212	212
15 to 24 years	276	238	201
25 to 34 years	227	250	213
35 to 44 years	150	173	198
45 to 54 years	137	128	135
55 to 64 years	132	126	119
65 to 74 years	94	100	101
75 to 84 years	47	50	54
85 years and older	13	14	15
5 to 17 years	309	279	270
18 to 24 years	193	170	143
Median age	28.7	30.4	32.6

Source: U.S. Department of Commerce, Bureau of the Census.

Iowa Population by Race and Hispanic Origin: 1980 and 1990

	1980 Population	1990 Population	1980 % of Total	1990 % of Total
Black	41,700	48,090	1.43%	1.73%
American Indian, Eskimo, or Aleut	5,455	7,349	0.19%	0.26%
Asian or Pacific Islander	11,577	25,476	0.40%	0.92%
Hispanic	25,536	32,647	0.88%	1.18%

Source: U.S. Department of Commerce, Bureau of the Census.

Iowa Population Projections by Year and County

County	1980	1990	1995	2000	2010	County	1980	1990	1995	2000	2010
State Total	**2,913,193**	**2,779,695**	**2,823,097**	**2,858,309**	**2,935,898**	Jasper	36,375	34,860	34,989	35,009	35,129
Adair	9,495	8,401	8,470	8,516	8,627	Jefferson	16,280	16,346	16,618	16,837	17,326
Adams	5,711	4,865	4,802	4,729	4,598	Johnson	81,956	96,713	102,056	107,158	117,812
Allamakee	15,104	13,855	13,953	14,010	14,161	Jones	20,379	19,461	19,879	20,227	20,948
Appanoose	15,481	13,743	13,665	13,530	13,313	Keokuk	12,888	11,612	11,407	11,160	10,703
Audubon	8,542	7,307	7,303	7,286	7,258	Kossuth	21,826	18,542	18,047	17,508	16,488
Benton	23,641	22,460	22,913	23,301	24,105	Lee	43,016	38,667	38,973	39,162	39,617
Black Hawk	137,890	123,741	124,782	125,407	126,850	Linn	169,635	169,257	174,143	178,471	187,501
Boone	26,211	25,221	25,290	25,282	25,308	Louisa	12,081	11,597	11,942	12,243	12,897
Bremer	24,825	22,790	22,745	22,623	22,435	Lucas	10,314	9,055	8,950	8,825	8,580
Buchanan	22,935	20,844	20,545	20,196	19,552	Lyon	12,884	11,952	11,905	11,829	11,692
Buena Vista	20,781	19,965	19,945	19,857	19,713	Madison	12,585	12,516	12,655	12,750	12,981
Butler	17,649	15,704	15,295	14,842	14,010	Mahaska	22,826	21,541	21,736	21,871	22,166
Calhoun	13,520	11,495	11,207	10,897	10,300	Marion	29,688	30,102	32,392	34,604	39,113
Carroll	22,953	21,424	20,983	20,489	19,548	Marshall	41,698	38,262	38,732	39,080	39,866
Cass	16,959	15,099	15,101	15,062	15,009	Mills	13,428	13,227	13,361	13,458	13,676
Cedar	18,649	17,381	17,795	18,148	18,884	Mitchell	12,289	10,928	10,662	10,364	9,817
Cerro Gordo	48,442	46,764	46,124	45,353	43,945	Monona	11,661	10,012	9,989	9,938	9,869
Cherokee	16,223	14,065	14,043	13,992	13,911	Monroe	9,193	8,114	8,027	7,909	7,702
Chickasaw	15,430	13,258	13,171	13,044	12,823	Montgomery	13,404	12,074	11,991	11,879	11,675
Clarke	8,632	8,302	8,508	8,685	9,064	Muscatine	40,558	39,978	41,268	42,445	44,935
Clay	19,540	17,555	17,712	17,813	18,000	O'Brien	16,967	15,444	15,543	15,593	15,738
Clayton	21,078	19,023	19,110	19,147	19,257	Osceola	8,356	7,252	7,298	7,315	7,383
Clinton	57,038	51,038	50,932	50,654	50,200	Page	19,021	16,838	16,693	16,502	16,162
Crawford	18,949	16,744	16,759	16,723	16,693	Palo Alto	12,707	10,629	10,224	9,791	8,981
Dallas	29,498	29,853	30,615	31,281	32,699	Plymouth	24,775	23,422	23,709	23,923	24,422
Davis	9,115	8,312	8,280	8,224	8,134	Pocahontas	11,339	9,488	9,264	9,028	8,573
Decatur	9,787	8,325	8,360	8,367	8,414	Polk	303,671	328,718	347,263	364,830	400,942
Delaware	18,930	18,035	18,191	18,291	18,549	Pottawattami	86,575	82,721	82,506	82,042	81,311
Des Moines	46,211	42,636	42,535	42,317	41,926	Poweshiek	19,286	19,079	19,278	19,416	19,736
Dickinson	15,625	14,935	16,073	17,128	19,159	Ringgold	6,105	5,420	5,320	5,207	4,991
Dubuque	93,667	86,470	86,814	86,890	87,248	Sac	14,094	12,316	12,004	11,664	11,028
Emmet	13,314	11,564	11,357	11,118	10,669	Scott	160,139	151,100	156,229	160,952	170,933
Fayette	25,434	21,789	21,150	20,468	19,177	Shelby	15,020	13,208	13,177	13,119	13,016
Floyd	19,562	17,024	16,590	16,119	15,227	Sioux	30,757	29,951	30,334	30,628	31,298
Franklin	13,017	11,333	11,081	10,809	10,290	Story	72,335	74,433	79,564	84,472	94,531
Fremont	9,375	8,226	8,163	8,081	7,930	Tama	19,431	17,387	17,448	17,452	17,497
Greene	12,101	10,010	9,646	9,265	8,543	Taylor	8,352	7,084	7,077	7,054	7,011
Grundy	14,343	11,993	11,865	11,700	11,413	Union	13,855	12,750	12,976	13,161	13,567
Guthrie	11,948	10,934	10,936	10,903	10,853	Van Buren	8,633	7,676	7,606	7,527	7,367
Hamilton	17,866	16,071	15,610	15,113	14,163	Wapello	40,192	35,635	35,096	34,450	33,207
Hancock	13,808	12,638	12,461	12,246	11,860	Warren	34,923	35,966	37,258	38,432	40,892
Hardin	21,754	19,042	18,809	18,516	17,983	Washington	20,155	19,651	20,137	20,569	21,463
Harrison	16,323	14,730	14,589	14,407	14,087	Wayne	8,182	7,043	6,924	6,792	6,533
Henry	18,859	19,280	19,717	20,100	20,932	Webster	45,860	40,312	39,011	37,626	34,993
Howard	11,103	9,808	9,696	9,554	9,306	Winnebago	12,945	12,122	11,927	11,703	11,284
Humboldt	12,240	10,731	10,509	10,261	9,796	Winneshiek	21,893	20,848	21,063	21,215	21,583
Ida	8,913	8,365	8,405	8,417	8,463	Woodbury	100,936	98,476	99,123	99,470	100,413
Iowa	15,423	14,630	14,790	14,891	15,108	Worth	9,077	7,979	7,820	7,636	7,288
Jackson	22,477	19,918	20,119	20,254	20,591	Wright	16,277	14,235	13,989	13,707	13,178

SOURCE: Woods and Poole Economics, Inc., Washington, D.C.

Iowa Population Trends, 1960-1991

Year	Census Pop. or Est.	Population Change from Year Ago	Actual Births	Actual Deaths	Natural Change (Births-Deaths)	Net Migration (PopCh-Natch)
1960	2,756,000	11,000	64,050	28,741	35,309	(24,309)
1961	2,756,000	0	63,408	28,158	35,250	(35,250)
1962	2,750,000	(6,000)	61,003	28,632	32,371	(38,371)
1963	2,747,000	(3,000)	57,840	29,266	28,574	(31,574)
1964	2,746,000	(1,000)	55,443	29,157	26,286	(27,286)
1965	2,742,000	(4,000)	50,970	29,394	21,576	(25,576)
1966	2,762,000	20,000	48,641	29,611	19,030	970
1967	2,793,000	31,000	47,217	28,849	18,368	12,632
1968	2,803,000	10,000	46,737	29,852	16,885	(6,885)
1969	2,805,000	2,000	47,235	29,345	17,890	(15,890)
1970	2,830,000	25,000	48,406	29,356	19,050	5,950
1971	2,860,000	30,000	45,171	29,475	15,696	14,304
1972	2,884,000	24,000	40,860	29,907	10,953	13,047
1973	2,863,000	(21,000)	38,898	29,229	9,669	(30,669)
1974	2,856,000	(7,000)	40,179	28,730	11,449	(18,449)
1975	2,861,000	5,000	41,360	28,058	13,302	(8,302)
1976	2,874,000	13,000	41,570	27,825	13,745	(745)
1977	2,888,000	14,000	44,898	26,750	18,148	(4,148)
1978	2,906,000	18,000	44,559	27,417	17,142	858
1979	2,903,000	(3,000)	46,763	26,816	19,947	(22,947)
1980	2,914,000	11,000	47,797	27,096	20,701	(9,701)
1981	2,918,000	4,000	45,918	26,930	18,988	(14,988)
1982	2,908,000	(10,000)	44,716	26,852	17,864	(27,864)
1983	2,871,000	(37,000)	43,247	27,509	15,738	(52,738)
1984	2,859,000	(12,000)	42,360	26,972	15,388	(27,388)
1985	2,830,000	(29,000)	41,182	27,810	13,372	(42,372)
1986	2,792,000	(38,000)	38,748	27,021	11,727	(49,727)
1987	2,767,000	(25,000)	37,866	27,213	10,653	(35,653)
1988	2,769,000	2,000	38,070	27,851	10,219	(8,219)
1989	2,771,000	2,000	38,916	27,147	11,769	(9,769)
1990	2,777,000	6,000	39,330	26,815	12,515	(6,515)
1991	2,795,000	18,000	38,925	27,306	11,619	6,381

SOURCE: U.S. Department of Commerce, Bureau of the Census.

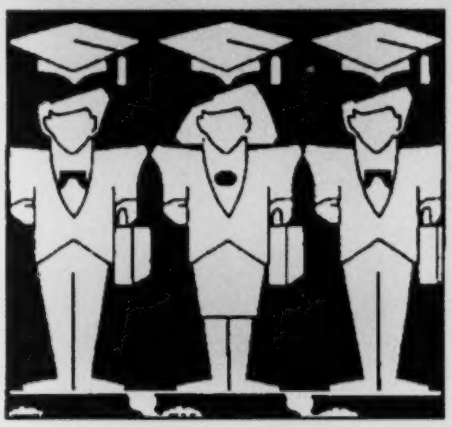
Iowa Population Projections by Age

	Age Group																	
Year	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	64-69	70-74	75-79	80-84	85+
State Total																		
1970	233,272	279,066	293,968	275,216	206,737	169,270	147,761	141,357	154,549	158,303	153,111	140,979	127,483	107,969	93,009	72,248	46,078	30,401
1980	222,330	209,034	230,931	275,735	271,877	244,490	207,428	162,017	141,652	134,544	145,301	145,392	133,467	117,953	97,277	75,439	52,874	45,452
1990	195,699	208,935	203,990	200,942	196,786	206,488	222,102	211,655	183,805	145,323	128,279	122,259	127,526	122,496	104,593	84,532	59,564	54,721
1995	193,386	203,496	215,943	204,265	182,358	172,804	201,358	222,036	205,581	178,752	148,967	125,975	118,170	118,091	112,190	90,566	65,819	63,340
2000	185,170	198,375	215,384	217,281	182,800	158,490	169,907	205,742	216,704	196,752	182,516	147,752	121,788	108,516	108,240	98,203	71,283	73,406
2010	190,159	188,459	201,585	217,760	198,285	167,176	154,438	160,059	175,166	198,180	213,215	199,067	176,400	132,919	103,434	88,117	76,548	94,931
Male																		
1970	119,451	142,438	150,103	138,342	97,196	83,928	72,901	68,690	76,288	77,239	74,280	68,379	60,498	48,722	39,903	29,641	17,841	10,286
1980	113,662	106,878	118,447	139,252	135,706	124,074	104,409	80,372	69,764	65,225	71,088	69,706	62,396	53,238	41,210	29,016	18,217	13,486
1990	100,043	107,124	104,617	102,259	99,602	102,264	110,374	106,274	91,644	71,796	62,482	58,506	60,461	55,968	44,713	33,264	20,482	14,386
1995	98,894	104,366	110,798	104,068	92,543	85,638	99,047	110,871	102,947	88,865	73,077	60,417	55,976	54,393	48,400	36,321	23,104	16,664
2000	94,734	101,764	110,571	110,802	92,961	78,780	83,416	102,044	108,306	98,098	90,115	71,229	57,843	50,184	47,097	39,737	25,632	19,520
2010	97,380	96,739	103,532	111,266	101,250	83,286	76,138	79,306	86,924	98,406	105,741	97,045	84,612	61,982	45,635	36,377	28,103	25,727
Female																		
1970	113,821	136,628	143,865	136,874	109,541	85,342	74,860	72,667	78,261	81,064	78,831	72,600	66,985	59,247	53,106	42,607	28,237	20,115
1980	108,668	102,156	112,484	136,483	136,171	120,416	103,019	81,645	71,888	69,319	74,213	75,686	71,071	64,715	56,067	46,423	34,657	31,966
1990	95,656	101,811	99,373	98,683	97,184	104,224	111,728	105,381	92,161	73,527	65,797	63,753	67,065	66,528	59,880	51,268	39,082	40,335
1995	94,492	99,130	105,145	100,197	89,815	87,166	102,311	111,165	102,634	89,887	75,890	65,558	62,194	63,698	63,790	54,245	42,715	46,676
2000	90,436	96,611	104,813	106,479	89,839	79,710	86,491	103,698	108,398	98,654	92,401	76,523	63,945	58,332	61,143	58,466	45,651	53,886
2010	92,779	91,720	98,053	106,494	97,035	83,890	78,300	80,753	88,242	99,774	107,474	102,022	91,788	70,937	57,799	51,740	48,445	69,204
Black																		
1970	3,779	4,230	4,028	3,749	2,969	1,952	1,783	1,625	1,570	1,492	1,275	1,135	964	770	673	440	245	171
1980	4,580	4,219	4,200	5,042	4,898	3,928	2,955	1,971	1,773	1,608	1,585	1,341	1,052	971	667	472	314	269
1990	5,579	5,022	4,685	4,975	4,637	4,235	3,995	3,337	2,571	1,867	1,567	1,436	1,354	1,093	817	619	389	310
1995	6,024	5,616	5,508	5,618	5,035	4,116	4,163	3,929	3,384	2,483	1,821	1,583	1,431	1,285	988	716	465	367
2000	6,455	6,121	6,185	6,528	5,698	4,431	4,067	4,165	4,055	3,224	2,424	1,852	1,626	1,371	1,142	893	547	464
2010	8,048	7,294	7,311	8,029	7,547	5,817	4,919	4,429	4,313	4,219	3,853	3,220	2,561	1,871	1,412	1,123	808	740
Other Races																		
1970	982	865	685	695	865	808	637	447	351	261	191	183	143	109	98	68	58	55
1980	2,417	2,424	2,067	2,075	2,313	2,296	1,854	1,281	916	672	564	345	267	215	178	137	87	70
1990	3,512	3,448	2,990	3,570	4,405	3,816	3,124	2,302	1,853	1,298	988	715	542	367	239	163	83	74
1995	4,126	3,389	3,723	3,991	5,316	4,520	3,794	2,830	2,304	1,765	1,305	958	713	492	339	181	85	74
2000	4,760	3,853	3,698	4,818	5,915	5,248	4,325	3,391	2,787	2,216	1,745	1,240	929	620	429	265	121	108
2010	6,107	4,968	4,731	5,326	7,100	6,643	5,418	4,408	3,721	3,181	2,673	2,115	1,605	1,001	668	423	252	281
Median Age of Population																		
1970	28.8																	
1980	30.0																	
1990	34.0																	
1995	35.0																	
2000	36.5																	
2010	38.3																	

Source: Population Data and Median Age Projections from Woods & Poole Economics, Inc. Washington, D.C.
1970, 1980, and 1990 Median Age from U.S. Department of Commerce, Bureau of the Census.

EDUCATION

Traditionally, Iowa's 418 public school districts have been in the forefront of new trends in school financing, teaching methods, administration and curriculum. This attitude is reinforced by the 196 parochial and private schools. Iowa has three state universities. 56 public and private colleges, and 15 community colleges on 29 campuses.



PUBLIC SCHOOL ENROLLMENT

	1980-81	1985-86	1990-91	1991-92	1992-93
Kindergarten	39,140	40,925	38,778	37,841	36,390
First	35,265	38,110	37,117	37,702	36,608
Second	34,004	35,387	37,192	36,419	37,151
Third	36,449	34,508	37,022	37,414	36,553
Fourth	39,672	32,977	37,642	37,134	37,644
Fifth	40,118	33,327	37,408	37,897	37,389
Sixth	38,935	32,038	35,885	37,818	38,119
Total K-6	263,583	247,272	261,044	262,225	259,854
Seventh	39,238	32,653	35,361	36,755	38,613
Eighth	40,120	35,136	34,930	35,449	36,839
Ninth	42,372	39,688	34,768	36,745	37,094
Total 7-9	121,730	107,477	105,059	108,949	112,546
Tenth	43,842	39,337	34,067	34,019	35,656
Eleventh	45,220	37,203	31,688	33,332	32,947
Twelth	44,382	35,906	30,928	31,648	33,008
Total 10-12	133,444	112,446	96,583	98,999	101,611
Other*	10,398	18,481	20,613	21,278	21,331
Grand total	529,155	485,676	483,399	491,451	495,342

** Other refers primarily to special education students not associated with a given grade level. This is not a count of the number of special education students in the state.*

Source: Iowa Department of Education

High School Graduation Rate*, 1989-90

Rank	State	Rate	Rank	State	Rate	Rank	State	Rate
1	Minnesota	89.7	18	West Virginia	77.3	35	Rhode Island	69.6
2	North Dakota	88.1	19	Nevada	77.2	37	Delaware	68.5
3	IOWA	87.5	19	Washington	77.2	38	Alaska	68.4
4	Hawaii	86.8	21	Massachusetts	77.0	39	New Mexico	68.2
5	South Dakota	85.7	22	Arkansas	76.7	40	North Carolina	68.0
6	Nebraska	85.5	23	Illinios	76.6	41	Tennessee	67.9
7	Wisconsin	84.2	24	Indiana	75.0	42	California	67.8
8	Montana	83.3	25	Connecticut	74.9	43	New York	65.1
9	Utah	83.1	26	Colorado	74.1	44	Alabama	64.7
10	Vermont	82.3	27	New Hampshire	74.0	45	Mississippi	64.2
11	Kansas	82.0	27	Ohio	74.0	46	Texas	64.1
12	New Jersey	79.8	29	Virginia	73.6	47	Georgia	62.7
13	Idaho	79.4	30	Maryland	72.8	48	District of Columbia	61.6
14	Pennsylvania	79.1	31	Arizona	72.5	49	Florida	61.1
15	Wyoming	78.6	32	Missouri	72.2	50	South Carolina	58.5
16	Maine	77.6	33	Oregon	71.6	51	Louisiana	56.7
17	Oklahoma	77.5	34	Michigan	70.1			
							U.S. Average	71.2

**The graduation rate was calculated by dividing the number of public high school graduates by the public ninth grade enrollment four years earlier.*
Source: U.S. Department of Education.

Expenditures for Public Elementary and Secondary Schools per Pupil*

State	1980 Dollars	1980 % of National Average	1990 Dollars	1990 % of National Average	1991 Dollars	1991 % of National Average	1992 Dollars	1992 % of National Average
IOWA	$2,506	117	$4,590	94	$4,839	92	$4,949	91
Illinois	$2,483	116	$4,853	99	$5,062	96	$5,248	96
Indiana	$1,849	86	$4,126	84	$5,051	96	$5,429	99
Kansas	$2,310	108	$4,706	96	$5,009	95	$5,131	94
Michigan	$2,349	110	$5,073	104	$5,257	100	$5,630	103
Minnesota	$2,428	113	$5,114	105	$5,260	100	$5,510	101
Missouri	$1,836	86	$4,226	86	$4,415	84	$4,534	83
Nebraska	$2,070	97	$3,874	79	$4,381	83	$4,676	86
North Dakota	$1,652	77	$3,581	73	$3,685	70	$4,119	75
Ohio	$1,918	90	$4,394	90	$5,639	107	$5,451	100
South Dakota	$1,793	84	$3,312	68	$3,730	71	$4,255	78
Wisconsin	$2,459	115	$5,703	117	$5,946	113	$5,972	109
U.S. Average	$2,142	100	$4,890	100	$5,261	100	$5,466	100

**Represents expenditures per pupil in average daily attendance.*

Source: National Education Association-Research, Ranking of States, 1980, 1990, 1991, and 1992 editions.

School Enrollment by County, Public and Nonpublic, 1992-93

County	Public K-6 Total	Public 7-9 Total	Public 10-12 Total	Special Education (Ungraded)	Public Total	Non-public Total	Grand Total All Schools
Adair	666	326	260	0	1,252	0	1,252
Adams	391	156	159	22	728	0	728
Allamakee	1,410	656	630	78	2,774	194	2,968
Appanoose	1,313	626	534	51	2,524	57	2,581
Audubon	629	292	250	66	1,237	0	1,237
Benton	2,356	1,065	803	138	4,362	132	4,494
Black Hawk	9,381	4,134	3,679	949	18,143	3,727	21,870
Boone	2,219	935	820	125	4,099	242	4,341
Bremer	2,925	1,443	1,173	233	5,774	247	6,021
Buchanan	1,818	765	731	132	3,446	245	3,691
Buena Vista	1,775	707	836	114	3,432	346	3,778
Butler	1,439	701	450	66	2,656	0	2,656
Calhoun	1,378	616	603	12	2,609	0	2,609
Carroll	1,814	700	650	131	3,295	1,807	5,102
Cass	1,732	769	663	30	3,194	0	3,194
Cedar	1,901	874	800	99	3,674	0	3,674
Cerro Gordo	3,950	1,614	1,398	359	7,321	823	8,144
Cherokee	1,517	715	533	45	2,810	0	2,810
Chickasaw	1,224	507	603	12	2,346	156	2,502
Clarke	992	394	367	0	1,753	0	1,753
Clay	1,797	949	704	8	3,458	144	3,602
Clayton	1,942	887	851	57	3,737	155	3,892
Clinton	4,898	2,106	1,958	403	9,365	534	9,899
Crawford	1,450	764	643	99	2,956	326	3,282
Dallas	3,809	1,599	1,330	149	6,887	169	7,056
Davis	733	343	294	40	1,410	0	1,410
Decatur	761	328	312	41	1,442	0	1,442
Delaware	1,969	896	704	110	3,679	337	4,016
Des Moines	4,078	1,704	1,495	368	7,645	415	8,060
Dickinson	1,453	675	640	22	2,790	0	2,790
Dubuque	5,574	2,862	2,980	647	12,063	6,172	18,235
Emmet	1,140	575	512	20	2,247	37	2,284
Fayette	2,264	1,108	1,016	93	4,481	297	4,778
Floyd	1,548	745	776	155	3,224	200	3,424
Franklin	1,034	414	486	34	1,968	47	2,015
Fremont	864	400	402	26	1,692	0	1,692
Greene	1,072	443	375	59	1,949	0	1,949
Grundy	1,414	578	725	23	2,740	55	2,795
Guthrie	1,272	540	541	58	2,411	0	2,411
Hamilton	1,589	727	679	79	3,074	113	3,187
Hancock	1,214	608	494	16	2,332	62	2,394
Hardin	1,973	877	808	49	3,707	0	3,707
Harrison	1,596	652	728	87	3,063	54	3,117
Henry	2,103	935	834	88	3,960	0	3,960
Howard	1,066	569	492	41	2,168	174	2,342

School Enrollment by County, Public & Nonpublic, 1992-93 (cont'd)

County	Public K-6 Total	Public 7-9 Total	Public 10-12 Total	Special Education (Ungraded)	Public Total	Non-public Total	Grand Total All Schools
Iowa	1,598	735	509	131	2,973	199	3,172
Jackson	1,828	906	845	146	3,725	540	4,265
Jasper	3,204	1,508	1,441	258	6,411	179	6,590
Jefferson	1,060	454	389	111	2,014	415	2,429
Johnson	6,676	2,444	2,261	273	11,654	756	12,410
Jones	1,637	788	846	66	3,337	214	3,551
Keokuk	1,282	584	489	44	2,399	0	2,399
Kossuth	1,437	694	501	53	2,685	904	3,589
Lee	3,383	1,540	1,372	245	6,540	966	7,506
Linn	15,592	6,301	6,256	1,260	29,409	2,977	32,386
Louisa	1,464	705	614	41	2,824	0	2,824
Lucas	820	422	332	6	1,580	0	1,580
Lyon	1,228	554	477	3	2,262	145	2,407
Madison	1,451	715	589	90	2,845	0	2,845
Mahaska	1,838	732	656	141	3,367	202	3,569
Marion	2,975	1,250	1,114	123	5,462	847	6,309
Marshall	3,326	1,489	1,328	271	6,414	359	6,773
Mills	1,304	598	562	192	2,656	0	2,656
Mitchell	953	450	408	28	1,839	177	2,016
Monona	978	429	405	14	1,826	76	1,902
Monroe	757	327	263	57	1,404	0	1,404
Montgomery	1,137	517	469	14	2,137	0	2,137
Muscatine	4,029	1,802	1,644	390	7,865	197	8,062
O'Brien	1,528	656	682	103	2,969	487	3,456
Osceola	550	226	207	36	1,019	53	1,072
Page	1,532	777	729	60	3,098	89	3,187
Palo Alto	1,016	473	548	42	2,079	259	2,338
Plymouth	2,323	1,044	928	69	4,364	992	5,356
Pocahontas	878	461	287	44	1,670	194	1,864
Polk	31,656	12,627	10,379	626	55,288	4,588	59,876
Pottawattamie	8,681	3,478	3,155	751	16,065	939	17,004
Poweshiek	1,677	730	639	44	3,090	13	3,103
Ringgold	542	255	194	15	1,006	0	1,006
Sac	1,287	567	531	17	2,402	0	2,402
Scott	14,856	6,331	5,969	1,352	28,508	2,736	31,244
Shelby	1,349	626	598	25	2,598	339	2,937
Sioux	2,270	972	858	181	4,281	2,853	7,134
Story	6,116	2,478	2,139	364	11,097	168	11,265
Tama	1,881	962	594	70	3,507	0	3,507
Taylor	748	305	233	5	1,291	0	1,291
Union	1,187	518	544	72	2,321	114	2,435
Van Buren	775	309	335	30	1,449	0	1,449
Wapello	3,401	1,591	1,420	271	6,683	129	6,812
Warren	3,847	1,702	1,504	259	7,312	0	7,312
Washington	1,830	816	682	127	3,455	279	3,734
Wayne	677	290	280	2	1,249	0	1,249
Webster	3,237	1,369	1,179	267	6,052	1,184	7,236
Winnebago	1,556	663	591	82	2,892	19	2,911
Winneshiek	1,409	621	662	88	2,780	517	3,297
Woodbury	9,484	3,875	3,597	1,074	18,030	2,686	20,716
Worth	651	274	257	55	1,237	0	1,237
Wright	1,548	552	646	67	2,813	0	2,813
State Total	259,854	112,546	101,613	15,657	489,670	45,242	534,912

Source: Iowa Department of Education

HIGHER EDUCATION

Higher education in Iowa belies many of the stereotypes of farm states.

The Iowa Writer's Workshop, for example, is a nationally known program at the University of Iowa that competes with New York City as a mecca for aspiring authors. High-technology research programs are also prominent at the university and at Iowa State University.

Public higher education in Iowa operates on two levels. The Board of Regents runs the three public universities, and the State Board of Education governs community colleges, which in Iowa are called "area colleges."

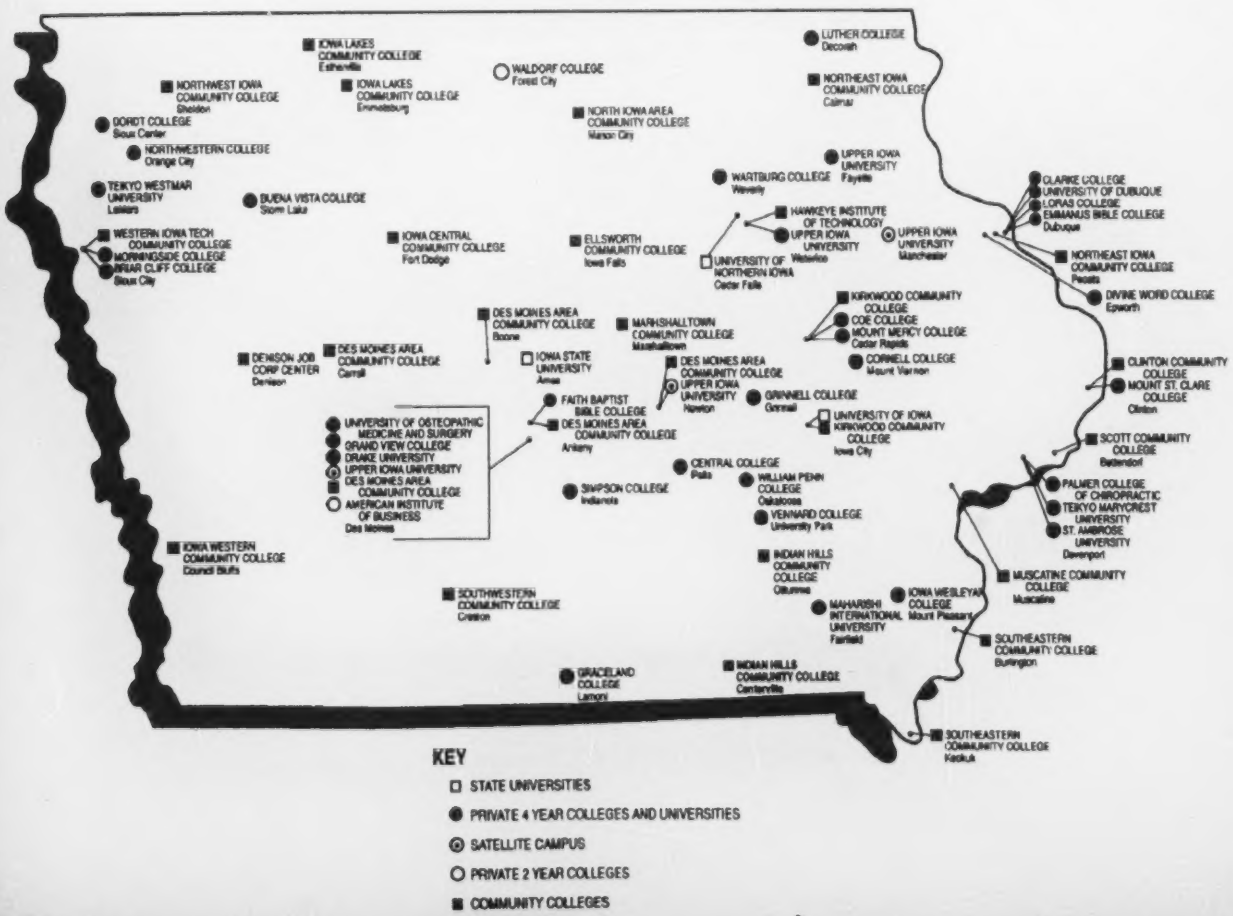
Private higher education is also important in Iowa. Students of private colleges are eligible for student-aid grants from the state that are usually high for the Midwestern region.

The University of Iowa in Iowa City has ten colleges (Business Administration, Dentistry, Education, Engineering, Graduate, Law, Liberal Arts, Medicine, Nursing, and Pharmacy). As a major research institution and one of the nation's leading centers for advanced study, the U of I offers 57 doctoral degree programs and world-class research programs ranging from space physics, bio-medicine and computer-aided design to global studies, writing, and the arts.

University of Iowa Hospitals and clinics is the hub of a health care and health science complex that ranks among the finest in the world. Iowa State University in Ames has nine colleges: (Agriculture, Business Administration, Design, Education, Engineering, Family and Consumer Sciences, Sciences and Humanities, Veterinary Medicine, and Graduate). ISU is a national leader in the physical sciences, agriculture and engineering. The computer was invented at ISU in 1939, and the university has pioneered major advances in nuclear energy research and agricultural bio-technology. The Extension Service touches the lives of almost every Iowan.

The University of Northern Iowa, Cedar Falls, has created a center for minorities in education in an effort to attract more minority students to its teacher education program. While continuing to build on a strong heritage in teacher education, UNI also attracts students to its nationally recognized programs in business and the liberal arts. UNI offers a variety of out-reach programs to assist the state in strengthening economic development and improving the environment.

IOWA COLLEGES AND UNIVERSITIES


IOWA LAKES COMMUNITY COLLEGE Estherville
NORTHWEST IOWA COMMUNITY COLLEGE Sheldon
IOWA LAKES COMMUNITY COLLEGE Emmetsburg
WALDORF COLLEGE Forest City
NORTH IOWA AREA COMMUNITY COLLEGE Mason City
LUTHER COLLEGE Decorah
NORTHEAST IOWA COMMUNITY COLLEGE Calmar
DORDT COLLEGE Sioux Center
NORTHWESTERN COLLEGE Orange City
TEIKYO WESTMAR UNIVERSITY Le Mars
BUENA VISTA COLLEGE Storm Lake
WARTBURG COLLEGE Waverly
UPPER IOWA UNIVERSITY Fayette
CLARKE COLLEGE
UNIVERSITY OF DUBUQUE
LORAS COLLEGE
EMMANUS BIBLE COLLEGE Dubuque
WESTERN IOWA TECH COMMUNITY COLLEGE
MORNINGSIDE COLLEGE
BRIAR CLIFF COLLEGE Sioux City
IOWA CENTRAL COMMUNITY COLLEGE Fort Dodge
ELLSWORTH COMMUNITY COLLEGE Iowa Falls
HAWKEYE INSTITUTE OF TECHNOLOGY
UPPER IOWA UNIVERSITY Waterloo
UNIVERSITY OF NORTHERN IOWA Cedar Falls
UPPER IOWA UNIVERSITY Manchester
NORTHEAST IOWA COMMUNITY COLLEGE Peosta
DIVINE WORD COLLEGE Epworth
DES MOINES AREA COMMUNITY COLLEGE Boone
MARSHALLTOWN COMMUNITY COLLEGE Marshalltown
KIRKWOOD COMMUNITY COLLEGE
COE COLLEGE
MOUNT MERCY COLLEGE Cedar Rapids
DENISON JOB CORP CENTER Denison
DES MOINES AREA COMMUNITY COLLEGE Carroll
IOWA STATE UNIVERSITY Ames
DES MOINES AREA COMMUNITY COLLEGE
UPPER IOWA UNIVERSITY Hawton
GRINNELL COLLEGE Grinnell
CORNELL COLLEGE Mount Vernon
CLINTON COMMUNITY COLLEGE
MOUNT ST. CLARE COLLEGE Clinton
FAITH BAPTIST BIBLE COLLEGE
DES MOINES AREA COMMUNITY COLLEGE Ankeny
UNIVERSITY OF IOWA
KIRKWOOD COMMUNITY COLLEGE Iowa City
SCOTT COMMUNITY COLLEGE Bettendorf
UNIVERSITY OF OSTEOPATHIC MEDICINE AND SURGERY
GRAND VIEW COLLEGE
DRAKE UNIVERSITY
UPPER IOWA UNIVERSITY
DES MOINES AREA COMMUNITY COLLEGE
AMERICAN INSTITUTE OF BUSINESS Des Moines
CENTRAL COLLEGE Pella
WILLIAM PENN COLLEGE Oskaloosa
SIMPSON COLLEGE Indianola
VENNARD COLLEGE University Park
PALMER COLLEGE OF CHIROPRACTIC
TEIKYO MARYCREST UNIVERSITY
ST. AMBROSE UNIVERSITY Davenport
IOWA WESTERN COMMUNITY COLLEGE Council Bluffs
INDIAN HILLS COMMUNITY COLLEGE Ottumwa
MUSCATINE COMMUNITY COLLEGE Muscatine
SOUTHWESTERN COMMUNITY COLLEGE Creston
MAHARISHI INTERNATIONAL UNIVERSITY Fairfield
IOWA WESLEYAN COLLEGE Mount Pleasant
SOUTHEASTERN COMMUNITY COLLEGE Burlington
GRACELAND COLLEGE Lamoni
INDIAN HILLS COMMUNITY COLLEGE Centerville
SOUTHEASTERN COMMUNITY COLLEGE Keokuk
KEY
STATE UNIVERSITIES
PRIVATE 4 YEAR COLLEGES AND UNIVERSITIES
SATELLITE CAMPUS
PRIVATE 2 YEAR COLLEGES
COMMUNITY COLLEGES

Number of Enrollment of Higher Education Schools

	Number (1990)	Enrollment 1975	1980	1985	1990
Public 4-yr universities (Regents)	3	40,748	47,247	67,694	65,971
Independent 4-yr colleges	28	29,571	33,338	37,042	44,770
Independent 2-yr colleges/other*	13	7,155	4,504	6,522	7,184
Area Community colleges	15	30,784	35,477	39,661	49,726
Total	59	108,258	120,566	150,919	167,651

** Other includes business schools, nursing and professional schools, and bible and theological colleges.*

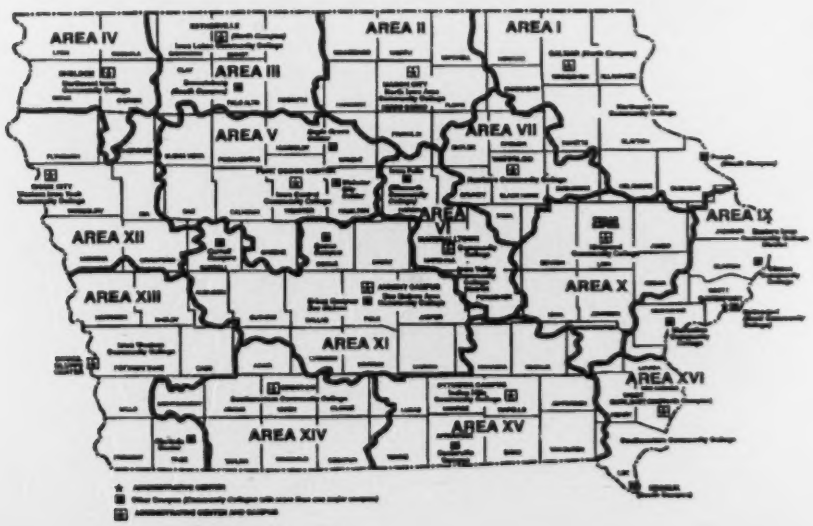
Source: "Information Digest of Post-secondary Education in Iowa, 1989-90," Iowa College Student Aid Commission.

Area Community College Enrollment

Name of Institution	Total Students Degree Credit Enrollment Fall '89 Total	Fall '90 Total	Fall '90 Men	Fall '90 Women	Residence Fall '90 Iowa Residents	Residence Fall '90 Non-Iowa Residents	Academic Load Fall '90 Full Time	Academic Load Fall '90 Part Time	Total Freshmen Fall 1989	Total Freshmen Fall 1990
Des Moines Area-Ankeny, Boone, and Carroll	10,338	10,553	4,164	6,389	10,328	225	4,826	5,727	4,850	9,049
Eastern Iowa-Clinton, Muscatine and Scott	5,177	5,746	2,194	3,552	5,269	477	2,824	2,922	2,187	4,182
Hawkeye Institute	1,972	1,793	909	884	1,773	20	1,454	339	740	1,255
Indian Hills-Ottumwa, Ottumwa Heights, Centerville	2,857	2,987	1,271	1,716	2,750	237	2,228	759	1,197	2,081
Iowa Central-Eagle Grove, Fort Dodge, Webster City	2,124	2,224	1,005	1,219	2,144	80	1,510	714	1,343	1,465
Iowa Lakes- Emmetsburg, Esterville	1,755	1,574	790	784	1,453	121	1,289	285	697	990
Iowa Valley-Ellsworth, Marshalltown	2,308	2,329	974	1,355	2,264	65	1,554	775	1,156	1,660
Iowa Western	3,213	3,288	1,411	1,877	2,900	388	1,693	1,595	1,121	2,488
Kirkwood	7,741	8,625	3,736	4,889	8,385	240	4,699	3,926	2,708	5,479
North Iowa Area	2,657	2,771	1,209	1,562	2,701	70	1,914	857	958	1,822
Northeast Iowa-Calmar, Peosta	1,539	1,816	648	1,168	1,743	73	1,223	593	742	1,449
Northwest Iowa Tech.	587	521	344	177	478	43	445	76	332	392
Southeastern-Burlington, Keokuk, Ft. Madison State Pen.	2,504	2,669	1,010	1,659	2,331	338	1,625	1,044	921	1,745
Southwestern	1,047	1,152	502	650	1,062	90	745	407	471	848
Western Iowa Tech	1,555	1,678	808	870	1,504	174	1,275	403	614	1,282
Total	47,374	49,726	20,975	28,751	47,085	2,641	29,304	20,422	20,037	36,187

Source: "Information Digest of Post-secondary Education in Iowa, 1989-90," Iowa College Student Aid Commission.

IOWA COMMUNITY COLLEGES



Iowa's area colleges are public postsecondary two-year associate degree offering institutions that offer an exceptionally comprehensive curriculum including adult education courses, vocational and technical programs, arts and science programs, and customized training for business and industry. They are designed to provide maximum accessibility through an "open door" admissions policy, low tuition, and campuses and programs located within easy commuting distance.

Average Tuition & Fees at Public 4-year Colleges, Midwest State

1989-90 Academic Year
(Resident Undergraduate)

State	Amount($)	State	Amount($)
IOWA	$1,823	Nebraska	$1,519
Illinois	$2,370	North Dakota	$1,604
Indiana	$1,975	Ohio	$2,432
Kansas	$1,467	South Dakota	$1,718
Michigan	$2,484	Wisconsin	$1,861
Minnesota	$2,063		
Missouri	$1,532	U.S. Average	$1,781

Source: "Almanac of Higher Education, 1992," by the editors of the Chronicle of Higher Education.

ACT College Entrance Exam, Average Score*, 1989

Rank	State	Score	Rank	State	Score
1	IOWA	20.1	15	Utah	18.9
2	Wisconsin	20.1	16	Illinois	18.8
3	Montana	19.8	17	North Dakota	18.7
4	Minnesota	19.7	18	Michigan	18.6
5	Colorado	19.6	19	Alabama	17.9
6	Nebraska	19.6	20	Alaska	17.9
7	South Dakota	19.4	21	Tennessee	17.9
8	Wyoming	19.4	22	Kentucky	17.8
9	Idaho	19.1	23	New Mexico	17.8
10	Kansas	19.1	24	Oklahoma	17.7
11	Ohio	19.1	25	Arkansas	17.6
12	Arizona	19.0	26	West Virginia	17.4
13	Missouri	19.0	27	Louisiana	17.1
14	Nevada	19.0	28	Mississippi	15.9
				National Average	18.6

**In 28 states, the American College Testing program examination is the test taken by most college-bound high school students in the state.*

Source: "Almanac of Higher Education, 1992," by the editors of the Chronicle of Higher Education.

Degrees Conferred by Discipline from Iowa Colleges & Universities, 1989-1990

	Regents		Independent 4-Year		Community Colleges		Independent 2 Yr/Other		
Discipline	Under-raduate	Graduate Prof	Under-Graduate	Graduate Prof	Associate Degree	Diploma & Certificate	Associate Degree	Other Under-Graduate	Graduate Prof
Agribusiness and Agricultural Production	186	36	21	0	312	135	0	0	0
Agricultural Sciences	121	55	5	0	2	0	0	0	0
Renewable Natural Resources	55	9	7	0	16	0	0	0	0
Architecture and Environmental Design	147	50	5	0	0	0	0	0	0
Area and Ethnic Studies	20	23	11	0	0	0	0	0	0
Business and Management	2,121	359	2,021	268	213	103	170	93	0
Business (Administrative Support)	22	0	29	0	484	951	95	319	0
Marketing and Distribution	44	0	1	0	160	89	0	182	0
Communications	679	81	377	30	0	0	0	25	0
Communications Technologies	0	0	0	0	21	0	0	0	0
Computer and Information Sciences	162	58	164	5	59	25	15	31	0
Consumer, Personal and Miscellaneous Services	0	0	0	0	0	53	0	0	0
Education	941	618	965	210	18	0	0	8	0
Engineering	921	329	20	0	0	0	0	0	0
Engineering and Engineering Related Technologies	67	6	9	0	535	61	0	0	0
Foreign Languages	114	40	153	1	0	0	0	0	0
Allied Health	119	37	8	6	444	1,687	0	56	32
Health Sciences	262	485	377	29	830	37	0	111	702
Home Economics	206	24	1	0	0	0	0	0	0
Vocational Home Economics	10	19	0	0	123	123	0	0	0
Industrial Arts	0	0	0	0	0	0	5	22	0
Law	0	217	23	101	67	4	0	29	0
Letters	401	162	270	18	0	0	0	0	0
Liberal/General Studies	464	10	159	0	2,753	16	136	10	0
Library and Archival Sciences	0	50	0	0	0	0	0	0	0
Life Sciences	265	148	308	9	0	0	0	0	0
Mathematics	112	129	149	0	0	0	0	0	0
Military Science	2	0	0	0	0	0	0	0	0
Multi/Interdisciplinary Studies	78	1	117	35	0	0	0	75	0
Parks and Recreation	98	11	27	0	0	0	0	0	0
Philosophy and Religion	27	10	63	1	0	0	0	0	0
Theology	0	0	13	30	0	0	1	26	14
Physical Sciences	150	94	112	1	0	0	0	0	0
Science Technologies	0	0	0	0	6	21	0	0	0
Psychology	322	35	316	13	0	0	0	0	0
Protective Services	0	0	56	0	199	23	0	0	0
Public Affairs	179	95	159	31	41	2	0	0	0
Social Sciences	698	117	630	1	2	0	0	0	0
Construction Trades	0	0	0	0	21	207	0	0	0
Mechanics and Repairers	0	0	0	0	335	499	0	0	0
Precision Production	2	0	14	0	189	361	0	0	0
Transportation and Material Moving	0	0	23	0	5	753	0	0	0
Visual and Performing Arts	315	146	255	8	0	0	0	0	0
TOTAL	9,310	3,454	6,868	797	6,835	5,150	422	987	748

Source: "Information Digest of Post-secondary Education in Iowa, 1989-90," Iowa College Student Aid Commission.

QUALITY OF LIFE

Iowa's quality of life sometimes seems like a well-kept secret. But those who live here treasure Iowa's rare ability to pursue excellence while preserving peace of mind.

Iowa is unsurpassed in education and productivity, has moderate living costs, first-class health care, a low crime rate, high quality air and water resources, affordable housing, and excellent recreational and cultural resources...all within easy access. In Iowa, you can have the good life and time to enjoy it.

Iowa has clean, uncongested cities and towns within a short distance of the state's two major research universities. Iowa offers unparalled peace of mind. There is less traffic, less noise, and less crime than most other states. People can still enjoy strolls through tree-shaded neighborhoods. Even at night, Iowa's communities are safe and sound. Iowa's people are noticeably warm and welcoming.

Iowa is truly a wonderful place to live and do business.

CRIME

Crime Rates*, Iowa and Other Selected States, 1990

State	Index Rate	Violent Crime Rate	Property Crime Rate	Murder and non-negligent manslaughter
United States	5820.3	731.8	5088.5	9.4
IOWA	4100.9	299.7	3801.2	1.9
Alabama	4915.2	708.6	4206.7	11.6
Arizona	7888.7	652.4	7236.4	7.7
California	6603.6	1045.2	5558.4	11.9
District of Columbia	10774.3	2458.2	8316.0	77.8
Florida	8810.8	1244.3	7566.5	10.7
Illinois	5935.1	967.4	4967.7	10.3
Indiana	4683.3	473.9	4209.4	6.2
Kansas	5193.1	447.7	4745.4	4.0
Minnesota	4538.8	306.1	4232.7	2.7
Missouri	5120.6	715.3	4405.3	8.8
Nebraska	4213.1	330.0	3883.1	2.7
Nevada	6063.6	600.9	5462.7	9.7
New Jersey	5447.2	647.6	4799.7	5.6
New York	6363.8	1180.9	5182.8	14.5
North Dakota	2922.4	73.9	2848.5	0.8
South Dakota	2909.3	162.8	2746.5	2.0
Texas	7826.8	761.4	7065.3	14.1
Washington	6222.9	501.6	5721.3	4.9
Wisconsin	4395.1	264.7	4130.4	4.6

**Rates per 100,000 population.*

Source: Uniform Crime Reports for the U.S.--1990, U.S. Department of Justice, Federal Bureau of Investigation

Comparison of Crime Rates, Iowa - West North Central Region* - U.S., 1990

(Per 100,000 Populaticn)

Offense	Iowa	Region	U.S. Rate	Iowa Rate as % of Region Rate	Iowa Rate as % of U.S. Rate	Iowa Rank in U.S.
Index total**	4083.6	4578.5	5820.3	89.2%	70.2%	40
Violent crime	299.1	431.6	731.8	69.3%	40.9%	39
Property crime	3784.5	4146.9	5088.5	91.3%	74.4%	42
Murder	1.9	4.4	9.4	43.2%	20.2%	49
Rape	18.3	31.1	41.2	58.8%	44.4%	49
Robbery	39.3	113.7	257.0	34.6%	15.3%	41
Assault	239.5	282.4	424.1	84.8%	56.5%	35
Burglary	804.8	925.2	1235.9	87.0%	65.1%	39
Larceny	2810.3	2876.0	3194.8	97.7%	88.0%	35
Motor vehicle theft	169.4	345.7	657.8	49.0%	25.8%	45
Arson***	30.5	N/A	49.2	N/A	62.0%	N/A

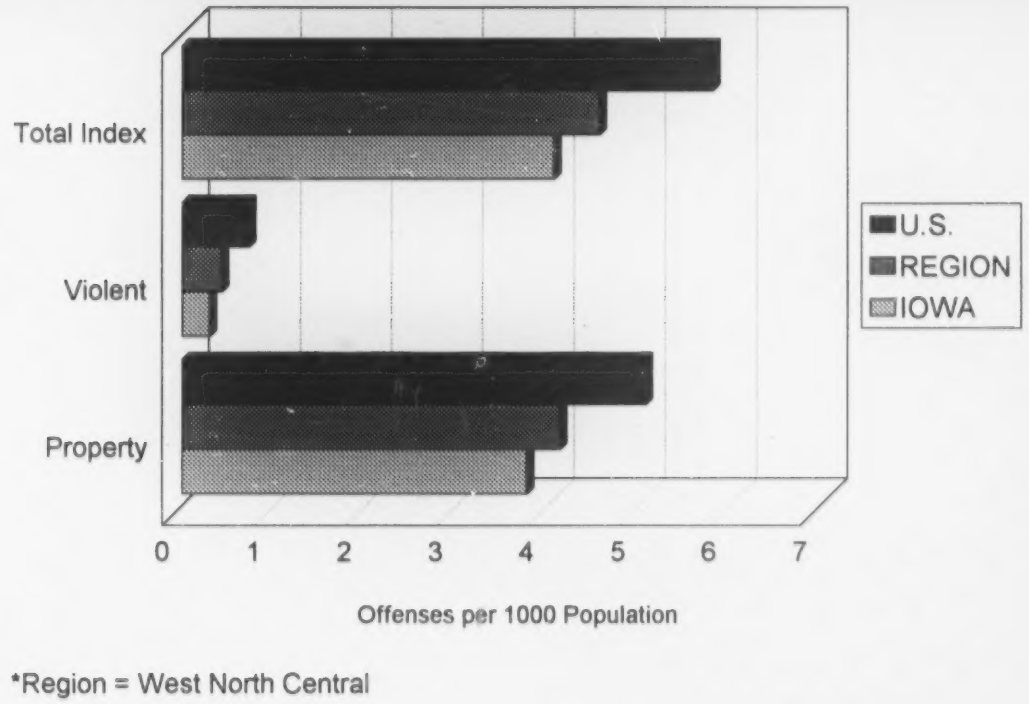
*West North Central Region includes: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

**Because of rounding, offenses may not add up to the totals.

***Arson not included in Index total or Property total.

Source: "Iowa Uniform Crime Reports 1988," Iowa Department of Public Safety, Research & Development Bureau.

Comparison of Crime Rates, 1990



*Region = West North Central

Source: Iowa Uniform Crime Reports, 1990 Iowa Department of Public Safety, Research & Development Bureau

Crimes Reported in Iowa Counties, 1990

County	Total Crime Rate*	Violent Crime Rate*	Property Crime Rate*	Total Crimes	Violent Crimes					Property Crimes			
					Murder	Rape	Robbery	Aggravated assault	Total Violent	Burglary	Larceny	Motor Vehicle Theft	Total Property
Adair	1,356	48	1,308	114	0	1	0	3	4	22	83	5	110
Adams	1,254	21	1,233	61	0	0	0	1	1	11	48	1	60
Allamakee	1,278	29	1,249	177	0	1	0	3	4	21	138	14	173
Appanoose	3,900	233	3,667	536	1	0	0	31	32	132	357	15	504
Audubon	1,609	164	1,445	118	0	0	0	12	12	24	75	7	106
Benton	1,636	116	1,520	367	0	0	0	26	26	102	226	13	341
Black Hawk	5,120	332	4,788	6,338	5	30	96	280	411	1,774	3,932	221	5,927
Boone	2,422	119	2,303	610	0	3	1	26	30	115	447	18	580
Bremer	1,740	338	1,403	397	0	1	1	75	77	76	233	11	320
Buchanan	2,643	106	2,538	551	0	0	1	21	22	160	325	44	529
Buena Vista	2,615	65	2,549	522	0	3	1	9	13	74	422	13	509
Butler	1,093	25	1,068	172	0	1	0	3	4	49	114	5	168
Calhoun	1,104	52	1,051	127	0	0	1	5	6	33	79	9	121
Carroll	1,778	23	1,755	381	0	1	0	4	5	71	286	19	376
Cass	1,891	59	1,831	286	0	1	0	8	9	64	199	14	277
Cedar	1,594	52	1,542	277	0	0	0	9	9	40	213	15	268
Cerro Gordo	6,603	494	6,109	3,086	0	6	12	213	231	472	2,280	103	2,855
Cherokee	2,319	277	2,043	327	0	8	0	31	39	44	234	10	288
Chickasaw	1,632	23	1,610	217	0	0	0	3	3	50	159	5	214
Clarke	2,727	24	2,703	226	1	0	0	1	2	68	148	8	224
Clay	3,770	80	3,691	663	1	2	0	11	14	63	563	23	649
Clayton	1,113	110	1,002	212	0	0	0	21	21	29	155	7	191
Clinton	4,383	163	4,220	2,237	1	1	18	63	83	400	1,660	94	2,154
Crawford	2,253	89	2,164	378	0	0	0	15	15	28	320	15	363
Dallas	2,426	158	2,269	722	0	1	3	43	47	151	512	12	675
Davis	1,528	48	1,480	127	0	1	0	3	4	48	72	3	123
Decatur	1,931	192	1,739	161	0	1	0	15	16	34	102	9	145
Delaware	1,684	22	1,661	303	0	0	0	4	4	37	247	15	299
Des Moines	4,933	387	4,545	2,102	0	2	11	152	165	450	1,396	91	1,937
Dickinson	2,220	87	2,133	331	2	1	0	10	13	61	245	12	318
Dubuque	3,808	484	3,325	3,292	1	25	10	382	418	479	2,225	170	2,874
Emmet	2,412	17	2,394	279	0	0	0	2	2	47	221	9	277
Fayette	2,111	229	1,882	461	0	4	2	44	50	160	206	45	411
Floyd	1,894	293	1,600	323	0	0	0	50	50	52	204	17	273
Franklin	2,913	167	2,746	331	0	0	0	19	19	55	246	11	312
Fremont	3,319	243	3,076	273	0	0	2	18	20	87	159	7	253
Greene	2,001	20	1,981	201	0	0	0	2	2	47	141	11	199
Grundy	973	83	890	117	0	0	0	10	10	19	80	8	107
Guthrie	1,509	73	1,436	165	0	1	0	7	8	33	119	5	157
Hamilton	2,999	498	2,501	482	0	1	1	78	80	64	320	18	402
Hancock	1,905	49	1,856	234	0	1	0	5	6	27	194	7	228
Hardin	2,713	115	2,598	518	0	0	0	22	22	77	395	24	496
Harrison	1,494	41	1,453	220	0	0	1	5	6	28	174	12	214
Henry	2,694	557	2,138	518	0	0	0	107	107	63	334	14	411
Howard	1,509	0	1,509	148	0	0	0	0	0	26	120	2	148
Humboldt	1,032	37	995	111	0	0	1	3	4	17	85	5	107
Ida	2,128	132	1,996	178	0	1	0	10	11	18	144	5	167
Iowa	875	7	868	128	0	0	1	0	1	27	97	3	127
Jackson	2,140	50	2,090	427	0	1	2	7	10	83	326	8	417
Jasper	3,075	72	3,003	1,070	0	0	2	23	25	221	773	51	1,045
Jefferson	2,673	25	2,649	436	0	0	1	3	4	53	360	19	432
Johnson	4,829	476	4,353	4,642	0	40	22	396	458	777	3,242	165	4,184
Jones	1,337	41	1,296	260	0	1	0	7	8	82	155	15	252
Keokuk	1,316	0	1,316	153	0	0	0	0	0	38	111	4	153
Kossuth	1,678	32	1,646	312	0	1	0	5	6	45	251	10	306
Lee	3,748	140	3,608	1,450	1	5	6	42	54	267	1,068	61	1,396
Linn	5,302	238	5,064	8,948	2	19	78	303	402	1,721	6,448	377	8,546
Louisa	2,993	104	2,890	347	0	0	2	10	12	99	219	17	335
Lucas	3,947	331	3,616	358	0	0	1	29	30	126	190	12	328
Lyon	853	84	770	102	0	1	1	8	10	33	58	1	92
Madison	2,139	80	2,059	267	0	1	1	8	10	95	151	11	257
Mahaska	2,648	311	2,337	570	1	8	0	58	67	142	345	16	503
Marion	2,140	180	1,960	642	1	0	1	52	54	105	465	18	588
Marshall	4,462	436	4,026	1,708	0	5	12	150	167	355	1,128	58	1,541

Crimes Reported in Iowa Counties, 1990 (continued)

County	Total Crime Rate*	Violent Crime Rate*	Property Crime Rate*	Total Crimes	Violent Crimes					Property Crimes			
					Murder	Rape	Robbery	Aggravated assault	Total Violent	Burglary	Larceny	Motor Vehicle Theft	Total Property
Mills	2,409	106	2,303	318	0	0	0	14	14	72	227	5	304
Monona	2,531	159	2,372	254	0	0	1	15	16	81	139	18	238
Monroe	2,305	283	2,021	187	0	0	0	23	23	32	124	8	164
Montgomery	4,082	108	3,975	493	0	1	1	11	13	64	405	11	480
Muscatine	2,781	346	2,436	1,110	0	3	4	131	138	210	724	38	972
Osceola	949	83	867	69	0	1	0	5	6	11	49	3	63
O'Brien	2,121	103	2,017	329	1	0	0	15	16	61	242	10	313
Page	3,207	47	3,159	541	0	3	1	4	8	97	406	30	533
Palo Alto	2,671	66	2,606	285	0	0	0	66	66	637	1,931	38	2,606
Plymouth	1,445	64	1,381	338	0	9	4	51	64	218	1,133	30	1,381
Pocahontas	672	32	640	64	0	0	32	0	32	105	462	74	641
Polk	7,383	568	6,815	24,151	6	37	113	411	567	1,152	5,336	326	6,814
Pottawattamie	6,541	516	6,026	5,405	5	32	96	384	517	1,550	4,014	461	6,025
Poweshiek	1,172	63	1,109	223	0	5	0	58	63	336	736	37	1,109
Ringgold	775	0	775	42	0	0	0	0	0	701	74	0	775
Sac	966	0	966	119	0	0	0	0	0	179	771	16	966
Scott	6,965	748	6,217	10,515	3	56	133	555	747	1,407	4,540	270	6,217
Shelby	2,305	129	2,177	305	0	0	0	129	129	597	1,489	91	2,177
Sioux	831	60	771	248	0	3	10	47	60	81	640	50	771
Story	3,640	190	3,450	2,703	0	32	18	91	131	432	2,043	87	2,562
Tama	1,929	408	1,521	336	1	0	0	70	71	72	175	18	265
Taylor	1,462	127	1,335	104	0	0	0	9	9	26	69	0	95
Union	2,769	133	2,635	353	1	0	4	12	17	69	253	14	336
Van Buren	1,772	156	1,615	136	1	1	0	10	12	43	77	4	124
Wapello	4,881	235	4,646	1,742	0	1	14	69	84	512	1,081	65	1,658
Warren	2,656	144	2,511	957	1	0	0	51	52	234	629	42	905
Washington	1,101	112	989	216	0	3	1	18	22	65	112	17	194
Wayne	2,193	28	2,165	155	1	0	0	1	2	74	71	8	153
Webster	5,503	342	5,161	2,220	1	5	19	113	138	585	1,407	90	2,082
Winnebago	1,427	112	1,314	178	0	0	0	14	14	12	143	9	164
Winneshiek	1,876	43	1,832	391	0	0	0	9	9	66	297	19	382
Woodbury	6,401	496	5,906	6,291	2	39	75	371	487	1,510	4,075	219	5,804
Worth	1,827	13	1,815	146	0	1	0	0	1	77	66	2	145
Wright	1,542	224	1,318	220	0	1	0	31	32	41	140	7	188
State Total	4,072	298	3,775	113,082	53	509	1,088	6,620	8,270	22,275	77,847	4,690	104,812

*Rate per 100,000 population

Source: Iowa Uniform Crime Reports 1990, Iowa Department of Public Safety.

Iowa Housing Facts

In 1992. . .
-21,259 single family homes and condominiums were sold.
-The median sales price for 1992 was $60,948, up 8.2% with sales increasing 6% from 1991.
-The types of financing most commonly used in the state were conventional, FHA, cash, and seller refinancing.

Iowa Residential Sales Data, 1991-1992

	Median Price		Sales		Average Listings	
Board	1991	1992	1991	1992	1991	1992
Ames	$69,457	$73,332	539	548	243	152
Burlington	41,573	42,970	411	453	237	238
Carroll County	54,047*	54,807	143*	171	205*	152
Cedar Rapids	62,720	71,872	2,405	2,575	1,571	1,365
Cherokee	29,999	33,124	108	115	84	73
Clinton	36,687	38,506	353	380	266	269
Creston	32,221	37,380	124	129	116	81
DeWitt	43,863	51,666	93	102	46	43
Dubuque	55,051	58,543	566	579	268	240
Fairfield	46,249*	55,576	79*	189	206*	169
Fremont-Page	30,499*	34,332	57*	63	132*	125
Fort Dodge	38,271	37,949	478	531	314	298
Gr. Council Bluffs	45,351	48,164	802	880	282	269
Gr. Davenport	58,712	61,386	2,267	2,015	720	694
Gr. Des Moines	69,091*	73,031	5,106*	5,369	806*	801
Gr. Mason City	44,230	42,437	456	505	343	346
Gr. Sioux City	46,371	50,730	1,286	1,269	712	570
Iowa City	78,717*	81,686	716*	1,205	NA*	160
Marshalltown	46,396	48,552	465	492	222	291
Muscatine	46,862	48,219	378	391	354	332
Newton	49,389	51,153	243	295	171	204
Oskaloosa	37,272	40,344	164	166	134	109
Ottumwa	33,266	34,864	421	364	205	169
Storm Lake	40,127	42,413	177	142	123	161
Waterloo/Cedar Falls	45,650	47,656	1,577	1,605	767	717
State	56,318	60,948	19,885	21,259	9,000	8,221

**Data Reported Incomplete.*

Source: 1992 Year End Housing Trends, Iowa Association of Realtors.

Median Sales Price of Existing Single-Family Homes

For 85 Metropolitan Areas* (in Thousands of Dollars)

	Year						
Metropolitan Area	1989	1990	1991	1992p	1992p Rank Order		RANK
Akron, OH	$64.5	$67.7	$71.8	$79.3	WATERLOO/CEDAR FALLS, IA	47.2	1
Albany/Troy, NY	104.9	106.9	110.3	111.4	Peoria, IL	59.0	2
Albuquerque, NM	83.0	84.5	86.8	92.0	Oklahoma City, OK	61.6	3
Anaheim/Santa Ana, CA**	245.3	242.4	239.7	234.9	Mobile, AL	64.8	4
Atlanta, GA	84.0	86.4	89.5	N/A	Daytona Beach, FL	66.2	5
Baltimore, MD	96.3	105.9	110.1	113.4	Corpus Christi, TX	67.5	6
Baton Rouge, LA	63.8	64.9	69.4	73.6	El Paso, TX	67.5	7
Birmingham, AL	78.5	80.8	86.0	90.9	Tulsa, OK	68.3	8
Boston, MA	181.9	174.1	170.1	173.1	Wichita, KS	68.8	9
Buffalo/Niagara Falls, NY	72.5	77.2	79.7	81.7	OMAHA, NE/IA	69.4	10
Cedar Rapids, IA	N/A	59.0	62.9	71.9	Louisville, KY	69.5	11
Charleston, SC	74.5	76.2	79.4	82.3	Lansing, MI	69.9	12
Charlotte, NC	88.1	93.1	101.4	102.2	San Antonio, TX	70.4	13
Chattanooga, TN	65.4	68.0	70.8	73.0	Toledo, OH	71.5	14
Chicago, IL	107.0	116.8	131.1	135.9	CEDAR RAPIDS, IA	71.9	15
Cincinnati, OH	75.8	79.8	84.9	88.6	Tampa/St. Petersburg, FL	72.6	16
Cleveland, OH	75.2	80.6	86.2	90.7	DES MOINES, IA	73.0	17
Columbia, SC	73.9	77.1	80.5	84.7	Chattanooga, TN	73.0	18
Columbus, OH	77.9	81.6	85.2	91.0	Grand Rapids, MI	73.1	19
Corpus Christi, TX	64.9	63.2	64.3	67.5	Baton Rouge, LA	73.6	20
Dallas, TX	92.4	89.5	88.3	91.3	New Orleans, LA	73.8	21
Dayton/Springfield, OH	68.7	71.6	76.3	81.2	Spokane, WA	76.3	22
Daytona Beach, FL	63.4	64.1	66.3	66.2	Salt Lake City/Ogden, UT	76.5	23
Denver, CO	85.5	86.4	89.1	95.8	Jacksonville, FL	76.8	24
Des Moines, IA	57.5	60.5	68.2	73.0	Lexington/Fayette, KY	78.7	25
Detroit, MI	73.7	76.7	80.6	81.3	Pittsburgh, PA	78.7	26
El Paso, TX	63.1	63.6	66.0	67.5	Akron, OH	79.3	27
Ft. Lauderdale, FL	83.9	92.6	96.2	99.1	Kansas City, MO/KS	79.5	28
Ft. Worth, TX	79.9	76.7	77.6	80.2	Montgomery, AL	79.7	29
Grand Rapids, MI	64.2	68.3	70.7	73.1	Knoxville, TN	80.1	30
Greenville/Spartanburg, SC	68.6	73.9	77.5	82.9	Ft. Worth, TX	80.2	31
Hartford, CT	165.9	157.3	148.2	141.1	Houston, TX	80.2	32
Honolulu, HI	267.6	352.0	340.0	349.0	Syracuse, NY	80.4	33
Houston, TX	66.7	70.7	74.0	80.2	Dayton/Springfield, OH	81.2	34
Indianapolis, IN	71.2	74.8	79.1	83.7	Detroit, MI	81.3	35
Jacksonville, FL	69.3	72.4	73.7	76.8	Buffalo/Niagara Falls, NY	81.7	36
Kansas City, MO/KS	71.6	74.1	76.6	79.5	Charleston, SC	82.3	37
Knoxville, TN	71.1	75.4	78.8	80.1	Greenville/Spartanburg, SC	82.9	38
Lansing, MI	59.8	63.3	66.7	69.9	St. Louis, MO	83.2	39
Las Vegas, NV	85.7	93.0	101.4	104.3	Indianapolis, IN	83.7	40
Lexington/Fayette, KY	77.0	75.0	75.6	78.7	Columbia, SC	84.7	41
Little Rock, AR	63.7	64.8	67.5	N/A	Rochester, NY	84.7	42
Los Angeles Area, CA**	215.5	212.1	218.9	213.8	Memphis, TN	85.3	43
Louisville, KY	58.4	60.8	65.4	69.5	Phoenix, AZ	86.8	44
Madison, WI	76.5	82.3	87.7	94.9	Orlando, FL	87.6	45
Memphis, TN	78.1	78.1	82.5	85.3	Cincinnati, OH	88.6	46
Miami/Hialeah, FL	86.9	89.3	93.7	97.1	Nashville/Davidson, TN	88.8	47
Milwaukee, WI	79.6	84.4	90.0	97.0	Cleveland, OH	90.7	48
Minneapolis/St. Paul, MN	87.2	88.7	91.1	94.2	Birmingham, AL	90.9	49
Mobile, AL	56.7	59.1	60.8	64.8	Columbus, OH	91.0	50
Montgomery, AL	68.8	69.3	76.2	79.7	Dallas, TX	91.3	51
Nashville/Davidson, TN	79.9	81.8	86.9	88.8	Albuquerque, NM	92.0	52
New Haven/Meridan, CT	163.4	153.3	153.2	145.8	Minneapolis/St. Paul, MN	94.2	53
New Orleans, LA	70.6	67.8	71.8	73.8	Madison, WI	94.9	54
New York/N. New Jersey, NY/NJ	183.2	174.9	173.5	172.6	Denver, CO	95.8	55
Oklahoma City, OK	53.5	53.2	57.0	61.6	Milwaukee, WI	97.0	56
Omaha, NE/IA	60.6	63.0	66.5	69.4	Miami/Hialeah, FL	97.1	57
Orlando, FL	79.8	82.8	86.3	87.6	Portland, OR	97.7	58
Peoria, IL	46.8	50.4	55.8	59.0	Ft. Lauderdale, FL	99.1	59
Philadelphia, PA	103.9	108.7	118.4	117.6	Charlotte, NC	102.2	60

Median Sales Price of Existing Single-Family Homes (continued)

Metropolitan Area	Year 1989	1990	1991	1992p	1992p Rank Order		RANK
Portland, OR	70.1	79.5	88.5	97.7	Albany/Troy, NY	111.4	63
Providence, RI	130.2	127.9	124.3	118.5	Baltimore, MD	113.4	64
Raleigh/Durham, NC	103.6	N/A	100.8	105.9	W. Palm Beach/Boca Raton, FL	114.1	65
Riverside/San Bernardino, CA**	124.1	132.1	137.6	136.2	Springfield, MA	115.1	66
Seattle/Tacoma, WA	115.0	142.0	143.1	145.7	Hartford, CT	141.1	73
Spokane, WA	52.4	55.5	64.5	76.3	Seattle/Tacoma, WA	145.7	74
Springfield, MA	127.1	120.0	117.1	115.1	New Haven/Meridan, CT	145.8	75
St. Louis, MO	76.9	76.7	79.4	83.2	Washington, DC/MD/VA	157.8	76
Syracuse, NY	79.3	80.7	77.7	80.4	New York/N. New Jersey, NY/NJ	172.6	77
Tampa/St. Petersburg, FL	71.9	71.4	71.3	72.6	Boston, MA	173.1	78
Toledo, OH	60.8	62.8	68.8	71.5	San Diego, CA**	183.8	79
Tulsa, OK	62.6	63.9	65.4	68.3	Los Angeles Area, CA**	213.8	80
Washington, DC/MD/VA	144.4	150.5	156.7	157.8	Anaheim/Santa Ana, CA**	234.9	81
Waterloo/Cedar Falls, IA	N/A	41.3	45.4	47.2	San Francisco Bay Area, CA**	254.8	82
W. Palm Beach/Boca Raton, FL	102.6	108.0	116.3	114.1	Honolulu, HI	349.0	83
Wichita, KS	62.0	62.4	65.9	68.8	Little Rock, AR	N/A	N/A
Worcester, MA	141.5	136.8	N/A	128.3	Atlanta, GA	N/A	N/A

** All areas are metropolitan statistical areas (MSA's) as defined by the US Office of Management and Budget. They include the named central city and surrounding areas.*

*** Data provided by the California Association of Realtors.*

N/A : Not Available.

p : Preliminary data.

Source: National Association of Realtors

Comparison of Housing Cost to Median Income Levels, 1989

For 85 Metropolitan Areas* (in Thousands of Dollars)

MSA	Median Home Price (1990)	Average Household Income (1990)	Ratio of Home Price to Avg. Income	MSA	Median Home Price (1990)	Average Household Income (1990)	Ratio of Home Price to Avg. Income
Akron, OH	$67,700	$37,966	1.78	Louisville, KY	60,800	35,653	1.71
Albany/Troy, NY	106,900	39,425	2.71	Madison, WI	82,300	41,415	1.99
Albuquerque, NM	84,500	36,504	2.31	Memphis, TN	78,100	34,659	2.25
Anaheim/Santa Ana, CA	242,400	48,029	5.05	Miami/Hialea	89,300	36,195	2.47
Atlanta, GA	86,400	42,224	2.05	Milwaukee, W	84,400	40,538	2.08
Baltimore, MD	105,900	41,890	2.53	Minneapolis/S	88,700	44,531	1.99
Baton Rouge, LA	64,900	36,407	1.78	Mobile, AL	59,100	30,869	1.91
Birmingham, AL	80,800	33,331	2.42	Montgomery,	69,300	33,672	2.06
Boston, MA	174,100	46,193	3.77	Nashville/Davi	81,800	38,498	2.12
Buffalo/Niagara Falls, NY	77,200	36,874	2.09	New Haven/M	153,300	42,060	3.64
Cedar Rapids, IA	59,000	37,868	1.56	New Orleans,	67,800	32,968	2.06
Charleston, SC	76,200	32,936	2.31	New York/N.	174,900	36,435	4.80
Charlotte, NC	93,100	38,379	2.43	Oklahoma City	53,200	34,299	1.55
Chattanooga, TN	68,000	33,374	2.04	Omaha, NE/IA	63,000	37,310	1.69
Chicago, IL	116,800	40,769	2.86	Orlando, FL	82,800	36,750	2.25
Cincinnati, OH	79,800	38,590	2.07	Peoria, IL	50,400	36,998	1.36
Cleveland, OH	80,600	39,171	2.06	Philadelphia,	108,700	39,449	2.76
Columbia, SC	77,100	37,113	2.08	Phoenix, AZ	84,000	38,304	2.19
Columbus, OH	81,600	37,870	2.15	Pittsburgh, PA	70,100	36,339	1.93
Corpus Christi, TX	63,200	31,127	2.03	Portland, OR	79,500	36,607	2.17
Dallas, TX	89,500	41,836	2.14	Providence, RI	127,900	37,349	3.42
Dayton/Springfield, OH	71,600	36,807	1.95	Raleigh/Durha	0	41,322	0.00
Daytona Beach, FL	64,100	30,550	2.10	Riverside/San	132,100	33,864	3.90
Denver, CO	86,400	42,762	2.02	Rochester, NY	79,800	42,512	1.88
Des Moines, IA	60,500	37,267	1.62	Sacramento, C	137,500	37,001	3.72
Detroit, MI	76,700	41,025	1.87	Salt Lake City	69,400	36,327	1.91
El Paso, TX	63,600	27,983	2.27	San Antonio, T	63,600	33,528	1.90
Ft. Lauderdale, FL	92,600	39,654	2.34	San Diego, CA	183,200	38,082	4.81
Ft. Worth, TX	76,700	40,193	1.91	San Francisco	259,300	45,840	5.66
Grand Rapids, MI	68,300	38,491	1.77	Seattle/Tacom	142,000	41,779	3.40
Greenville/Spartanburg, SC	73,900	35,673	2.07	Spokane, WA	55,500	34,421	1.61
Hartford, CT	157,300	46,089	3.41	Springfield, M	120,000	38,297	3.13
Honolulu, HI	352,000	41,467	8.49	St. Louis, MO	76,700	39,859	1.92
Houston, TX	70,700	42,643	1.66	Syracuse, NY	80,700	38,880	2.08
Indianapolis, IN	74,800	38,673	1.93	Tampa/St. Pet	71,400	34,442	2.07
Jacksonville, FL	72,400	34,770	2.08	Toledo, OH	62,800	36,768	1.71
Kansas City, MO/KS	74,100	38,854	1.91	Tulsa, OK	63,900	34,862	1.83
Knoxville, TN	75,400	33,928	2.22	Washington, D	150,500	50,584	2.98
Lansing, MI	63,300	39,334	1.61	Waterloo/Ceda	41,300	38,687	1.07
Las Vegas, NV	93,000	35,277	2.64	W. Palm Beac	108,000	39,918	2.71
Lexington/Fayette, KY	75,000	35,496	2.11	Wichita, KS	62,400	36,458	1.71
Little Rock, AR	64,800	34,069	1.90	Worcester, M	136,800	41,461	3.30
Los Angeles Area, CA	212,100	38,425	5.52				

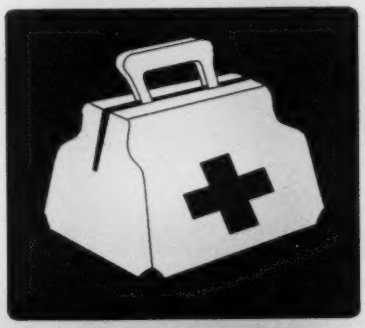
** All areas are metropolitan statistical areas (MSA's) as defined by the U.S. Office of Management and Budget. They include the named central city and surrounding areas.*

Sources: Median home prices are from the National Association of Realtors.
Average household income is from the CACI Sourcebook of County Demographics.

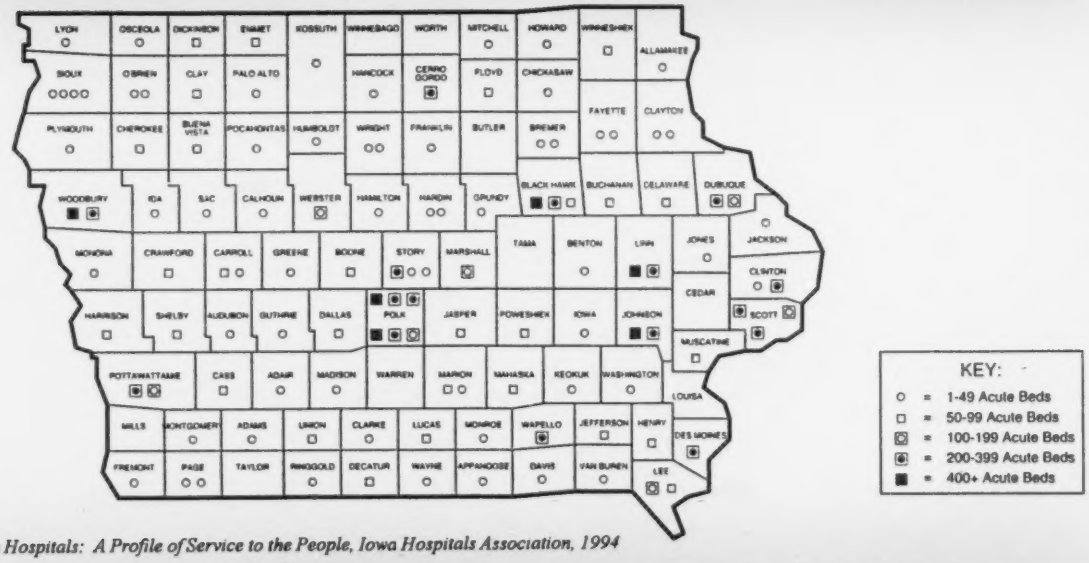
HEALTH

Iowa Community Hospitals

One hundred twenty community hospitals are currently operating in Iowa. This compares with 125 in 1985 and 130 in 1984. Eighty-nine of Iowa's 99 counties contain at least one community hospital, and no Iowan is more than 25 miles from a hospital.

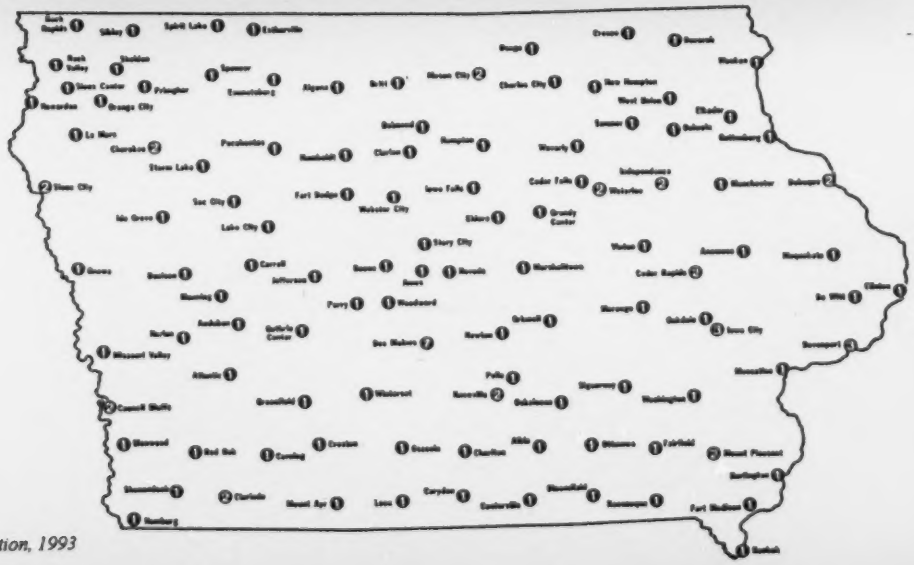


Location of Iowa Community Hospitals, Dec. 1993



Source: Iowa Hospitals: A Profile of Service to the People, Iowa Hospitals Association, 1994

Hospitals Per City



Source: American Hospital Association, 1993

Registered Hospitals, Midwest, 1990

State	Hospitals	# of Beds	Total Admissions	Occupancy Rate%	Avg. Stay In Days*
Iowa	134	17,251	404,175	65.4	8.3
Illinois	247	58,056	1,608,893	68.9	7.4
Indiana	135	26,501	753,940	63.6	6.6
Kansas	160	16,139	335,204	61.3	7.9
Michigan	205	41,000	1,115,998	66.7	7.6
Minnesota	167	24,715	560,300	68.2	8.9
Missouri	160	29,575	794,165	64.8	7.4
Nebraska	102	10,561	212,324	61.2	9.6
N. Dakota	57	5,298	109,302	64.1	10.8
Ohio	224	52,205	1,580,337	67.2	6.7
S. Dakota	66	5,428	114,299	63.6	10.1
Wisconsin	148	23,756	629,243	68.6	7.4

**Community Hospitals Only*

Source: Hospital Statistics, 1991-92 edition, American Hospital Association.

Licensed Medical Professionals*

	1980	1985	1990	1991	1992	1993**
Chiropractors	1,067	1,200	1,263	1,305	1,267	1,318
Dentists	2,543	3,725	2,369	2,428	2,372	2,405
Dental Hygenist	930	1,709	1,123	1,189	1,187	1,253
LPN's	6,696	10,983	9,530	9,740	10,014	10,392
MD's	7,045	8,253	8,627	8,674	8,770	8,600
Optometrists	509	566	555	572	567	587
Osteopathic Physicians	293	154	120	112	105	54
Osteopathic Physicians and Surgeons	673	875	1,004	1,057	1,086	1,090
Pharmacists	N/A	4,027	3,799	3,924	4,016	4,044
Physical Therapists	667	661	913	918	1,020	1,040
Physician's Assistants	N/A	N/A	N/A	N/A	N/A	270
Podiatrists	150	148	156	179	183	204
RN's	26,580	29,974	31,117	31,585	32,349	32,955

** All Figures represent "Total active license holders"*

*** March 1993*

Sources: Iowa Board of Nursing, Iowa Department of Health, Iowa Board of Pharmacy.

Number of Pracitcing Physicians by County, March 1993

County	Physicians	County	Physicians	County	Physicians
Adair	3	Franklin	7	Montgomery	11
Adams	3	Fremont	2	Muscatine	22
Allamakee	7	Greene	8	Osceola	7
Appanoose	7	Grundy	5	O'Brien	3
Audubon	3	Guthrie	4	Page	17
Benton	7	Hamilton	12	Palo Alto	5
Black Hawk	215	Hancock	4	Plymouth	9
Boone	17	Hardin	10	Pocahontas	4
Bremer	13	Harrison	6	Polk	848
Buchanan	14	Henry	17	Pottawattamie	91
Buena Vista	15	Howard	4	Poweshiek	19
Butler	2	Humbolt	3	Ringgold	4
Calhoun	8	Ida	3	Sac	3
Carroll	18	Iowa	7	Scott	239
Cass	14	Jackson	12	Shelby	6
Cedar	6	Jasper	16	Sioux	21
Cerro Gordo	131	Jefferson	16	Story	115
Cherokee	19	Johnson	636	Tama	5
Chickasaw	6	Jones	9	Taylor	1
Clarke	4	Keokuk	4	Union	11
Clay	25	Kossuth	7	Van Buren	5
Clayton	9	Lee	49	Wapello	60
Clinton	52	Linn	276	Warren	14
Crawford	11	Louisa	3	Washington	11
Dallas	14	Lucas	3	Wayne	3
Davis	7	Lyon	3	Webster	59
Decatur	4	Madison	3	Winnebago	5
Delaware	10	Mahaska	15	Winneshiek	15
Des Moines	66	Marion	40	Woodbury	182
Dickinson	9	Marshall	55	Worth	2
Dubuque	156	Mills	7	Wright	6
Emmet	11	Mitchell	8		
Fayette	15	Monona	5		
Floyd	10	Monroe	3	State Total	4,732

Source: Iowa Physician Information System, Office of Community-Based Programs, University of Iowa College of Medicine

Selected Vital Events for Iowa, 1990

	Number	Occurence Rate*
Live Births	39,814	14.3
Out of Wedlock	8,431	211.8
Congential Malformations	913	22.9
Deaths from All Causes	26,577	9.6
Maternal Deaths	2	0.5
Fetal Deaths	267	6.7
Neonatal Deaths	176	4.4
Perinatal Deaths	443	11.1
Infant Deaths	312	7.8
Marriages	24,931	9.0
Dissolutions	10,913	3.9
List of 70 Selected Causes of Death		
Tuberculosis, All Forms	8	0.3
Tuberculosis of Respiratory System	7	0.3
Other Tuberculosis	1	N/A
Syphilis	N/A	N/A
Other Infective and Parasitic Diseases	315	11.3
Malignant Neoplasms, Including Neoplasms of Lymphatic and Hematopoietic Tissues	6,017	216.7
Malignant Neoplasms of Lip, Oral Cavity, and Pharynx	98	3.5
Malignant Neoplasms of Digestive Organs and Peritoneum	1,501	54.1
Malignant Neoplasms of Respiratory and Intrathoracic Organs	1,617	58.2
Malignant Neoplasms of Breast	519	18.7
Malignant Neoplasms of Genital Organs	743	26.8
Malignant Neoplasms of Urinary Organs	261	9.4
Malignant Neoplasms of All Other and Unspecified Sites	629	22.7
Leukemia	231	8.3
Other Neoplasms of Lymphatic and Hematopoietic Tissues	418	15.1
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature	73	2.6
Diabetes Mellitus	575	20.7
Anemias	38	1.4
Meningitis	11	0.4
Alzheimer's Disease	307	11.1
Major Cardiovascular Diseases	12,298	442.9
Diseases of Heart	9,442	340.0
Rheumatic Fever and Rheumatic Heart Disease	62	2.2
Hypertensive Heart Disease	218	7.9
Hypertensive Heart and Renal Disease	44	1.6
Ischemic Heart Disease	6,418	231.1
Acute Myocardial Infarction	3,144	113.2
Other Acute and Subacute Forms of Ischemic Heart Disease	16	0.6
Angina Pectoris	17	0.6
Old Myocardial Infarction and Other forms of Chronic Ischemic Heat Disease	3,241	116.7
Other Diseases of the Endocardium	192	6.9
All Other Forms of Heart Disease	2,508	90.3
Hypertension With or Without Renal Disease	102	3.7
Cerebrovascular Diseases	2,012	72.5
Cerebral Thrombosis and Unspecific Occlusions of Cerebral Arteries	201	7.2
Cerebral Embolism	14	0.5
All Other and Late Effects of Cerebrovascular Diseases	1,598	57.5
Arteriosclerosis	425	15.3
Other Diseases of Arteries, Arterioles, and Capillaries	317	11.4
Acute Bronchitis and Bronchiolitis	5	0.2
Pneumonia	1,135	40.9
Influenza	85	3.1
Chronic Obstructive Pulmonary Diseases and Allied Conditions	1,186	42.7
Bronchitis, Chronic and Unspecified	46	1.7
Emphysema	147	5.3
Asthma	60	2.2
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	933	33.6
Ulcer of the Stomach and Duodenum	101	3.6
Chronic Liver Disease and Cirrhosis	188	6.8

Selected Vital Events for Iowa, 1990 (continued)

	Number	Occurence Rate*
Nephritis, Nephrotic Syndrome, and Nephrosis	164	5.9
Acute Glomerulonephritis and Nephrotic Syndrome	4	0.1
Chronic Glomerulonephritis, Nephritis and Nephropathy, Not Specified, and Renal Sclerosis, Unspecified	19	0.7
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	141	5.1
Infections of Kidney	19	0.7
Hyperplasia of Prostate	11	0.4
Complications of Pregnancy, Childbirth, and the Puerperium	2	0.5
Congenital Anomalies	118	4.2
Certain Conditions Originating in the Perinatal Period	131	4.7
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome	32	1.2
Other Conditions Originating in the Perinatal Period	99	3.6
Symptoms, Signs, and Ill-Defined Conditions	164	5.9
All Other Diseases	2,138	77.0
Accidents and Adverse Effects	1,028	37.0
Motor Vehicle Accidents	481	17.3
All Other Accidents and Adverse Effects	547	19.7
Suicides	344	12.4
Homicide and Legal Intervention	54	1.9
Other External Causes	13	0.5

** Rates for live births, deaths, marriages, and dissolutions are calculated per 1,000 estimated population; selected causes of death rates are per 100,000 estimated population. Rates for out of wedlock live births, live birth congenital malformations, fetal deaths, neonatal deaths, perinatal deaths, and infant deaths are per 1,000 live births. Maternal death rates are per 10,000 live births.*

NOTE: Statistics are based on resident data, with the exception of marriages and dissolutions, which are recorded in the county where the event occured.

Source: "Vital Statistics of Iowa, 1990," Iowa Department of Public Health.

15 Leading Causes of Death in Iowa, 1990

Cause of Death			Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Diseases of the Heart	9,568	35.7%	4,631	34.7%	4,937	36.6%
Malignant Neoplasms	6,053	22.6%	3,132	23.5%	2,921	21.7%
Cerebrovascular Diseases	2,037	7.6%	769	5.8%	1,268	9.4%
Pneumonia and Influenza	1,221	4.6%	579	4.3%	642	4.8%
Chronic Obstructive Pulmonary Diseases and Allied Conditions	1,183	4.4%	775	5.8%	408	3.0%
All Accidents and Adverse Effects	1,040	3.9%	676	5.1%	364	2.7%
Diabetes Mellitus	577	2.2%	254	1.9%	323	2.4%
General Arteriosclerosis	423	1.6%	166	1.2%	257	1.9%
Suicides	336	1.3%	279	2.1%	57	0.4%
Other Diseases of Arteries, Arterioles, and Capillaries	330	1.2%	188	1.4%	142	1.1%
All Infective and Parasitic Diseases	318	1.2%	172	1.3%	146	1.1%
Alzheimer's Disease	303	1.1%	96	0.7%	207	1.5%
Chronic Liver Disease and Cirrhosis	187	0.7%	121	0.9%	66	0.5%
Nephritis, Nephrotic Syndrome, and Nephrosis	170	0.6%	87	0.7%	83	0.6%
Certain Conditions Originating in the Perinatal Period	131	0.5%	82	0.6%	49	0.4%
All Other Causes	2,938	11.0%	1,334	10.0%	1,604	11.9%
Total	26,815	100.0%	13,341	100.0%	13,474	100.0%

Source: "Vital Statistics of Iowa, 1990," Iowa Department of Public Health.

Selected Cardiovascular Disease Deaths as Percentages of Total Deaths, 1980-1990

Year	Major Cardiovascular Diseases		Diseases of Heart		Hypertension		Cerebrovascular Diseases		Arteriosclerosis		Other Diseases of Ateries, Arterioles, and Capillaries	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1990	12,459	46.5	9,568	35.7	101	0.4	2,037	7.6	423	1.6	330	1.2
1989	12,702	46.8	9,655	35.6	92	0.3	2,139	7.9	457	1.7	359	1.3
1988	13,341	47.9	10,173	36.5	121	0.4	2,212	7.9	499	1.8	336	1.2
1987	13,542	49.8	10,390	38.2	114	0.4	2,181	8.0	532	2.0	325	1.2
1986	13,511	50.0	10,323	38.2	97	0.4	2,227	8.2	509	1.9	355	1.3
1985	13,954	50.2	10,672	38.4	131	0.5	2,304	8.3	523	1.9	324	1.2
1984	13,961	51.8	10,568	39.2	143	0.5	2,407	8.9	510	1.9	333	1.2
1983	14,369	52.2	11,034	40.1	115	0.4	2,329	8.5	580	2.1	311	1.1
1982	14,225	53.0	10,805	40.2	121	0.5	2,423	9.0	559	2.1	317	1.2
1981	14,235	52.9	10,588	39.3	118	0.4	2,624	9.7	559	2.1	346	1.3
1980	14,477	53.4	10,750	39.7	127	0.5	2,690	9.9	605	2.2	305	1.1

Source: "Vital Statistics of Iowa, 1990," Iowa Department of Public Health.

Selected Causes of Death by Year, Iowa, 1980-1990

Year	Heart Disease		Cancer		Cerebrovascular Disease		Accidents		Pnuemonia and Influenza	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1990	9,568	344.6	6053	218.0	2,037	73.4	1,040	37.5	1,221	44.0
1989	9,655	340.0	6179	217.6	2,139	75.3	1,128	39.7	1,183	41.7
1988	10,173	359.0	6,182	218.1	2,212	78.1	1,164	41.1	1,259	44.4
1987	10,390	368.0	5,904	209.1	2,181	77.3	1,036	36.7	1,003	35.5
1986	10,323	362.2	5,850	205.3	2,227	78.1	1,037	36.4	1,087	38.1
1985	10,672	370.0	6,119	212.2	2,304	79.9	1,101	38.2	1,161	40.3
1984	10,568	364.0	5,829	200.8	2,407	82.9	1,009	34.8	1,005	34.6
1983	11,034	379.8	5,975	205.7	2,329	80.2	1,108	38.1	943	32.5
1982	10,805	370.8	5,775	198.2	2,423	83.2	1,110	38.1	821	28.2
1981	10,588	363.1	5,690	195.1	2,624	90.0	1,283	44.0	1,009	34.6
1980	10,750	368.9	5,579	191.5	2,690	92.3	1,331	45.7	968	33.2

Note: Rates per 100,000 population.

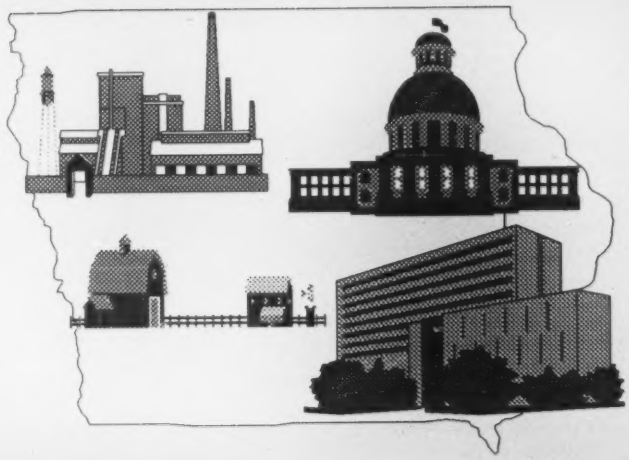
Source: "Vital Statistics of Iowa, 1990," Iowa Department of Public Health.

Business Climate

When deciding where to locate, it's always a good idea to look at the local state of the economy. In Iowa that state is great! In 1991, the number of new businesses in Iowa grew at a rate four times that of the United States. At the same time, the state's payroll grew by more than twice the national rate. And according to the U.S. Small Business Administration, Iowa was 18th in the rate of new business incorporations in the nation in 1992. New business startups rose 8.5% between 1991-1992.

The largest source of personal income in Iowa is services, followed by manufacturing, government, wholesale/retail trade. Manufacturing generates about three times as much personal income as does agriculture. Although in 1991 Iowa farmers produced more than $10 billion in crops and livestock.

Iowa is in the heart of an eight-state market of 840,000 businesses, 33.4 million people with a total of $675 billion in personal income.



Employers in Iowa with 1,000 or More Employees, 1992

Firm Name	Type of Business
Hy-Vee Food Stores, Inc	Food Stores
University of Iowa	School and Hospital
Deere & Co Delaware	Farm Machinery/Equipment Mfg.
Rockwell International	Machinery Equipment Mfg.
US Postal Service	Mail/Federal Government
Wal-Mart Stores	Department Stores
Principal Financial Group	Life Insurance
IBP, Inc	Meat Products
Iowa State University of Science	School
Iowa Dept. of Human Services	Government
Sisters of Mercy Health	Hospital
Des Moines School District	School
Iowa Dept. of Transportation	Government
Iowa Methodist Medical Center	Hospital/Des Moines
K Mart Corp	Department Stores
Mercy Hospital Medical Center	Hopsital/Des Moines
Sears Roebuck & Co	Department Stores
Pioneer Hi-Bred International	Farm Supplies
Rolscreen Co	Lumber & Wood Products
Younkers, Inc	Department Stores
Maytag Company	Household Laundry Equipment Mfg.
United Parcel Service	Trucking & Courier Service
Fareway Stores, Inc	Food Stores
Amana Refrigeration Inc	Refrigerator Mfg.
Aluminum Co. of America	Aluminum Products Mfg.
Care Initiatives	Nursing Facilities
US West Communications	Telephone Communication
Oscar Mayer Foods	Meat Products Mfg.
MCI Services Marketing	Business Services
Target-Division of Dayton Hudson	Department Stores
Davenport School District	School
Cedar Rapids School District	School
Norwest Bank of Iowa	Bank
Swift Independent Pack Co	Meat Products Mfg.
St. Lukes Methodist Hospital	Hospital/Cedar Rapids
Winnebago Industries	Motor Home Mfg.

Employers in Iowa with 1,000 or More Employees, 1992 (continued)

Firm Name	Type of Business
Casey's General Store	Gasoline Service Stations
City of Des Moines	Government
Nash Finch Co	Grocery Stores
JC Penney Company, Inc	Department Stores
Blue Cross & Blue Shield	Insurance
Fisher Controls International	Fabricated Metal Products
Bridgestone/Firestone Inc	Tire Mfg.
Iowa Electric Light & Power	Utilities Services/Cedar Rapids
FDL Foods, Inc	Meat Products Mfg.
Good Samaritan Society Ind	Care Facilities
Waterloo Community School District	School
Eaton Corporation	Motor Vehicle Parts Mfg.
Amoco Oil Co	Credit Card Institution
Iowa Lutheran Hospital	Hospital/Des Moines
K Products Inc	Hats, Caps, Millinery Mfg.
International Paper Co	Paperboard Mfg.
Mercy Hospital	Hospital/Davenport
Foods Inc	Food Stores
Council Bluffs Community School District	School
Dubuque Community School District	School
Quaker Oats Co	Breakfast Food Mfg.
Des Moines Area Community College	School
Iowa Public Services, Des Moines	Electric Power
Mary Greeley Medical, Ames	Hospital
John Morrell & Co	Meat Products Mfg.
Drake University	School
Des Moines Register	Newspaper, Publishing, Printing
Von Maur, Inc	Department Store
Eagle Food Centers	Food Store
Vermeer Mfg. Co	Construction Machinery Equipment Co.
St. Lukes Hospital, Davenport	Hospital
Mason & Hanger Silas Mason	Ammunition Mfg.
Excell Corporation	Meat Products Mfg.
Allen Memorial Hospital	Hospital/Waterloo
Farmland Foods, Inc	Meat Products Mfg.
Iowa City Community School District	School
Allied Mutual Inc	Insurance Carrier
Iowa-Illinois Gas & Electric	Utilities Company
General Electric Co	Relay & Industrial Controls
Mercy Hospital, Iowa City	Hospital/Iowa City
Minnesota Mining & Mfg. Co	Abrasive Products Mfg.
Archer-Daniels-Midland	Grain Mill Products
Burlington Medical Center	Hospital
JI Case Co	Farm Machinery Equipment Mfg.
The Ertle Company, Inc	Toy & Game Mfg.
City of Davenport	Government

Source: Iowa Department of Employment Services, Reporting Unit

Business Failures

	1992				1993						
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	% Ch	Rank	% Ch	Rank
Hawaii	48	61	97	83	84	78	70	-28%	37	13%	1
Oklahoma	439	317	306	351	358	449	347	13%	5	9%	2
Michigan	637	623	608	556	715	666	636	5%	7	8%	3
Washington	429	494	529	516	490	514	532	1%	10	6%	4
New Jersey	773	752	640	640	791	705	785	23%	2	5%	5
Nevada	167	149	80	58	201	100	113	41%	1	5%	6
Wisconsin	335	339	259	295	324	319	302	17%	4	1%	7
California	5060	4947	5138	4509	5063	5247	4922	-4%	16	1%	8
Connecticut	272	323	297	328	294	311	275	-7%	19	-1%	9
Florida	1373	1361	1322	1300	1422	1282	1277	-3%	15	-2%	10
New Mexico	115	123	118	96	119	117	112	-5%	17	-2%	11
North Dakota	38	47	40	38	38	41	43	8%	6	-2%	12
Texas	1985	1793	1997	1733	1933	1919	1699	-15%	23	-4%	13
Idaho	117	98	63	83	95	95	77	22%	3	-4%	14
Kansas	290	301	267	220	269	275	272	2%	9	-5%	15
Alabama	257	204	247	193	222	240	210	-15%	24	-5%	16
Arizona	614	596	548	530	529	585	513	-6%	18	-7%	17
Maryland	434	399	428	445	371	365	429	0%	11	-8%	18
Alaska	28	30	30	15	28	24	29	-3%	14	-8%	19
New York	2155	1969	1880	1860	1968	1755	1734	-8%	20	-9%	20
Massachusetts	777	809	774	657	785	689	654	-16%	25	-10%	21
Colorado	427	517	390	404	371	386	386	-1%	12	-14%	22
Maine	107	132	111	112	101	107	87	-22%	33	-16%	23
West Virginia	102	98	96	103	61	91	95	-1%	13	-17%	24
New Hampshire	212	179	190	140	170	172	140	-26%	36	-17%	25
Georgia	841	748	683	597	604	713	540	-21%	30	-18%	26
Virginia	626	619	471	439	499	413	480	2%	8	-19%	27
Delaware	47	50	49	42	35	43	40	-18%	28	-19%	28
Ohio	657	706	677	631	555	558	533	-21%	31	-19%	29
South Dakota	55	70	55	52	60	44	38	-31%	41	-21%	30
North Carolina	428	362	368	329	330	288	288	-22%	34	-22%	31
Pennsylvania	1167	1078	931	908	853	804	815	-12%	21	-22%	32
Kentucky	313	286	275	212	239	203	231	-16%	27	-23%	33
Montana	45	56	61	47	34	45	45	-26%	35	-23%	34
South Carolina	139	126	139	78	116	83	109	-22%	32	-24%	35
Utah	120	120	109	86	89	81	94	-14%	22	-24%	36
Tennessee	412	372	496	376	335	330	286	-42%	48	-26%	37
Louisiana	264	220	214	155	177	158	180	-16%	26	-26%	38
Indiana	430	392	356	297	317	287	250	-30%	40	-28%	39
Vermont	70	55	74	58	56	45	43	-42%	47	-28%	40
Rhode Island	151	135	120	106	103	94	86	-28%	38	-30%	41
Wyoming	41	35	29	36	25	23	23	-21%	29	-32%	42
Iowa	216	192	160	163	150	135	99	-38%	45	-32%	43
Oregon	332	342	331	250	243	230	206	-38%	44	-32%	44
Missouri	468	523	433	405	342	331	284	-34%	42	-33%	45
Illinois	816	805	749	711	586	473	531	-29%	39	-33%	46
Mississippi	142	125	118	110	85	95	75	-36%	43	-34%	47
Nebraska	182	166	161	122	128	112	77	-52%	49	-38%	48
Minnesota	438	411	330	318	266	267	193	-42%	46	-38%	49
Arkansas	162	119	132	97	50	49	46	-65%	50	-65%	50

Source: Dun & Bradstreet Corporation

Iowa Establishments, Employees, & Payroll by County, 1989-90

County	1989			1990		
	Number of Establish-ments	Number of Employees	Annual Payroll ($000)	Number of Establish-ments	Number of Employees	Annual Payroll ($000)
Adair	225	1,825	26,036	216	1,816	27,162
Adams	117	1,022	13,744	125	771	8,118
Allamakee	401	3,632	46,218	396	3,503	47,579
Appanoose	326	2,895	42,965	328	2,998	47,089
Audubon	204	1,168	13,824	199	1,294	15,360
Benton	531	3,351	47,340	544	3,493	51,418
Black Hawk	2,976	45,088	931,286	3,011	47,126	994,812
Boone	504	5,943	99,321	506	6,430	99,498
Bremer	564	7,946	139,673	584	7,538	130,897
Buchanan	460	3,693	57,275	465	3,718	59,029
Buena Vista	609	6,513	94,194	604	6,748	100,198
Butler	362	1,942	25,607	368	1,995	27,250
Calhoun	329	2,122	28,370	316	2,278	30,141
Carroll	734	7,132	102,792	747	7,552	116,062
Cass	482	4,925	69,545	487	4,850	70,463
Cedar	435	3,170	40,268	444	3,209	42,948
Cerro Gordo	1,415	18,923	301,522	1,398	19,165	321,552
Cherokee	374	3,878	62,451	381	4,128	65,447
Chickasaw	369	3,369	52,645	368	3,715	57,228
Clarke	208	2,757	37,227	196	2,536	39,317
Clay	605	6,134	89,504	593	6,142	97,674
Clayton	508	4,275	58,724	531	4,330	63,163
Clinton	1,215	16,596	289,800	1,215	16,831	304,221
Crawford	476	4,589	74,773	481	4,775	70,015
Dallas	597	4,902	71,459	612	5,317	85,518
Davis	166	1,222	15,800	174	1,189	16,850
Decatur	173	1,995	19,646	169	2,135	20,204
Delaware	410	2,857	46,346	413	3,144	51,023
Des Moines	1,167	19,095	350,848	1,186	19,101	369,599
Dickinson	598	5,098	78,960	608	5,164	82,778
Dubuque	2,273	40,917	742,273	2,357	42,195	792,484
Emmet	281	2,620	36,629	283	2,759	38,943
Fayette	634	5,246	74,773	622	5,262	78,504
Floyd	442	4,878	72,571	446	4,815	70,384
Franklin	313	2,317	37,090	304	2,503	39,041
Fremont	135	1,184	16,381	189	1,483	19,256
Greene	287	2,153	27,553	287	2,034	28,401
Grundy	307	2,052	28,308	314	2,153	32,346
Guthrie	236	1,671	19,313	251	1,637	20,562
Hamilton	428	6,308	94,489	422	5,911	97,097
Hancock	335	2,864	44,950	344	2,887	43,770
Hardin	651	5,148	71,781	652	5,318	77,989
Harrison	335	2,318	27,241	327	2,279	28,455
Henry	482	8,456	129,549	484	9,045	140,467
Howard	246	1,751	22,715	252	1,771	24,582

Iowa Establishments, Employees, & Payroll by County, 1989-90 (cont'd)

County	1989			1990		
	Number of Establish-ments	Number of Employees	Annual Payroll ($000)	Number of Establish-ments	Number of Employees	Annual Payroll ($000)
Humboldt	318	2,574	37,033	311	2,430	36,958
Ida	246	2,490	38,662	232	2,545	41,254
Iowa	407	6,739	108,689	416	6,252	110,197
Jackson	489	3,655	42,285	470	4,143	49,782
Jasper	752	9,861	195,889	758	10,064	202,517
Jefferson	525	6,236	103,515	547	6,908	114,175
Johnson	2,004	34,883	564,413	2,076	37,436	588,235
Jones	431	3,262	45,380	429	3,446	50,049
Keokuk	280	1,776	23,619	278	1,677	24,367
Kossuth	531	4,634	78,329	513	4,755	72,114
Lee	1,003	13,398	255,235	1,014	14,580	270,771
Linn	4,437	84,017	1,835,284	4,482	87,000	1,942,939
Louisa	225	2,720	38,241	223	2,643	40,848
Lucas	203	2,617	43,906	188	2,566	47,043
Lyon	288	1,703	22,336	309	1,854	24,863
Madison	273	1,827	22,284	290	1,955	24,411
Mahaska	553	5,358	72,868	543	5,677	78,456
Marion	669	11,634	212,493	677	12,100	233,695
Marshall	473	13,466	268,722	912	13,886	290,645
Mills	225	3,006	49,576	230	3,225	11,619
Mitchell	320	2,290	29,271	322	2,390	33,289
Monona	289	2,119	26,416	287	2,312	28,757
Monroe	190	1,247	14,819	182	1,446	16,646
Montgomery	330	3,998	58,860	329	4,037	61,579
Muscatine	952	16,869	368,785	959	17,740	394,184
O'Brien	501	4,614	56,499	514	4,728	61,576
Osceola	197	1,566	20,722	204	1,512	23,478
Page	524	5,485	81,194	515	5,890	84,964
Palo Alto	308	2,088	24,063	309	2,010	25,275
Plymouth	607	6,006	100,102	622	6,082	107,987
Pocahontas	292	2,206	32,896	294	2,226	32,874
Polk	9,841	191,434	3,897,767	10,068	195,268	4,265,583
Pottawattamie	1,758	21,277	325,738	1,782	22,089	349,807
Poweshiek	518	7,857	134,570	523	7,886	148,965
Ringgold	132	718	9,120	140	808	9,514
Sac	362	2,366	25,872	378	2,326	28,167
Scott	3,954	60,918	1,214,937	4,025	62,261	1,298,962
Shelby	384	3,507	42,397	401	3,592	46,297
Sioux	858	10,736	137,562	878	11,855	149,378
Story	1,596	22,186	328,564	1,669	22,857	338,109
Tama	371	3,365	47,775	370	3,357	51,257
Taylor	182	1,479	17,196	178	1,783	20,741
Union	355	3,728	49,583	347	3,883	52,829
Van Buren	174	969	14,054	167	1,056	15,078
Wapello	819	11,056	207,601	825	11,493	217,403
Warren	591	5,138	62,183	625	5,334	67,947
Washington	567	4,323	61,113	578	4,467	66,089
Wayne	179	1,219	17,063	195	1,368	17,941
Webster	1,137	14,212	228,351	1,156	14,822	250,091
Winnebago	339	6,810	102,951	325	4,753	97,368
Winneshiek	542	6,814	87,644	558	7,450	96,568
Woodbury	2,655	40,259	692,475	2,681	42,364	732,688
Worth	170	1,277	17,718	170	1,395	20,997
Wright	427	4,114	68,411	426	3,863	66,873
Statewide	46	538	11,129	31	812	16,684
Total	72,232	978,584	17,447,939	73,130	1,007,900	18,631,850

Source: County Business Patterns, 1990, U.S. Department of Commerce, Bureau of the Census.

Manufacturing Statistics & Productivity, by State, 1991

	Value-added by mfr. 1987 (mil. $)	Production Workers			Value-added per Worker Year	RANK	Value-added per Hour of Labor	RANK	Value-added per Dollar of Labor	RANK
		Number (1000)	Hours (millions)	Wages (mil. $)						
UNITED STATES	1,313,828.8	11,513.4	23,194.1	266,412	$114,113		$56.64		$4.93	
IOWA	19,061.7	154.0	305.2	3,588.7	$123,777	16	$62.46	13	$5.31	18
ALABAMA	21,056.0	278.4	557.8	5,472.6	$75,632	47	$37.75	47	$3.85	47
ALASKA	1,291.4	11.5	25.6	289.6	$112,296	25	$50.45	36	$4.46	33
ARIZONA	11,551.2	92.4	186.6	2,092.9	$125,013	14	$61.90	14	$5.52	9
ARKANSAS	12,825.9	172.3	341.0	3,058.1	$74,439	49	$37.61	48	$4.19	42
CALIFORNIA	144,907.8	1,138.4	2,341.2	26,639.9	$127,291	11	$61.89	15	$5.44	14
COLORADO	13,703.6	98.6	202.6	2,546.7	$138,982	6	$67.64	7	$5.38	16
CONNECTICUT	23,831.9	175.8	363.4	4,654.0	$135,563	10	$65.58	10	$5.12	22
DELAWARE	4,230.6	27.9	57.2	770.2	$151,634	2	$73.96	3	$5.49	11
FLORIDA	29,054.7	285.5	562.8	5,403.0	$101,768	33	$51.63	32	$5.38	16
GEORGIA	36,576.4	381.8	779.3	7,419.8	$95,800	38	$46.93	38	$4.93	27
HAWAII	1,383.3	11.5	22.9	248.6	$120,287	17	$60.41	17	$5.56	8
IDAHO	3,894.7	44.5	89.0	964.3	$87,521	41	$43.76	41	$4.04	44
ILLINOIS	70,104.0	588.9	1,198.4	14,601.4	$119,042	18	$58.50	20	$4.80	29
INDIANA	43,805.0	415.2	824.9	10,708.5	$105,503	29	$53.10	28	$4.09	43
KANSAS	14,572.7	125.1	251.0	2,922.5	$116,487	19	$58.06	21	$4.99	25
KENTUCKY	23,713.8	204.8	397.4	4,382.6	$115,790	22	$59.67	18	$5.41	15
LOUISIANA	22,125.9	122.9	260.6	3,135.1	$180,032	1	$84.90	1	$7.06	2
MAINE	5,427.5	71.5	141.9	1,595.3	$75,909	46	$38.25	45	$3.40	49
MARYLAND	15,241.8	111.9	225.8	2,874.9	$136,209	9	$67.50	8	$5.30	19
MASSACHUSETTS	34,472.3	274.8	559.2	6,755.0	$125,445	13	$61.65	16	$5.10	23
MICHIGAN	63,351.0	545.8	1,123.9	16,996.7	$116,070	21	$56.37	25	$3.73	48
MINNESOTA	25,041.5	218.2	440.6	5,071.3	$114,764	24	$56.83	23	$4.94	26
MISSISSIPPI	12,880.2	188.9	371.4	3,217.9	$68,185	50	$34.68	50	$4.00	46
MISSOURI	31,803.0	255.6	503.3	5,704.7	$124,425	15	$63.19	12	$5.57	7
MONTANA	1,092.5	14.3	28.9	335.9	$76,399	45	$37.80	46	$3.25	50
NEBRASKA	7,537.0	74.6	150.6	1,498.4	$101,032	36	$50.05	37	$5.03	24
NEVADA	1,463.3	16.9	34.6	342.7	$86,586	42	$42.29	42	$4.27	41
NEW HAMPSHIRE	5,646.8	53.6	107.7	1,266.7	$105,351	30	$52.43	30	$4.46	33
NEW JERSEY	44,332.3	312.8	636.6	7,643.5	$141,727	5	$69.64	5	$5.80	6
NEW MEXICO	3,931.4	27.3	51.9	533.1	$144,007	4	$75.75	2	$7.37	1
NEW YORK	81,624.6	594.5	1,184.3	13,849.9	$137,300	8	$68.92	6	$5.89	4
NORTH CAROLINA	59,914.6	590.0	1,170.9	10,872.1	$101,550	35	$51.17	33	$5.51	10
NORTH DAKOTA	1,151.5	11.5	22.6	211.1	$100,130	37	$50.95	34	$5.45	13
OHIO	78,875.8	678.8	1,382.2	18,392.6	$116,199	20	$57.07	22	$4.29	40
OKLAHOMA	11,958.6	110.0	216.9	2,502.6	$108,715	27	$55.13	26	$4.78	30
OREGON	13,344.0	145.0	288.8	3,318.0	$92,028	39	$46.20	39	$4.02	45
PENNSYLVANIA	64,942.3	616.7	1,230.6	14,328.3	$105,306	31	$52.77	29	$4.53	32
RHODE ISLAND	5,139.5	62.6	124.5	1,181.3	$82,101	44	$41.28	44	$4.35	36
SOUTH CAROLINA	22,490.9	265.3	534.1	5,234.6	$84,775	43	$42.11	43	$4.30	38
SOUTH DAKOTA	1,690.5	22.4	45.5	389.1	$75,469	48	$37.13	49	$4.34	37
TENNESSEE	32,499.4	358.2	708.3	7,083.9	$90,730	40	$45.88	40	$4.59	31
TEXAS	77,569.7	562.3	1,155.7	13,204.9	$137,951	8	$67.12	9	$5.87	5
UTAH	6,688.9	63.6	129.4	1,288.8	$105,171	32	$51.69	31	$5.19	20
VERMONT	3,162.6	28.2	55.9	612.5	$112,149	26	$56.58	24	$5.16	21
VIRGINIA	33,245.0	287.6	565.7	6,078.9	$115,595	23	$58.77	19	$5.47	12
WASHINGTON	24,852.2	197.9	385.6	5,052.8	$125,580	12	$64.45	11	$4.92	28
WEST VIRIGNIA	6,009.2	55.3	111.9	1,369.2	$108,665	28	$53.70	27	$4.39	35
WISCONSIN	36,328.4	357.4	717.0	8,444.6	$101,646	34	$50.67	35	$4.30	38
WYOMING	924.5	6.4	13.0	150.7	$144,453	3	$71.12	4	$6.13	3

SOURCE: Annual Survey of Manufacturers, 1991. Geographic Area Statistics. U.S. Department of Commerce, Bureau of the Census.

Value-added Per Manufacturing Worker, Midwest (Dollars Per Year)

	1977	1982	1987	1988	1989	1990	1991
Iowa	50,905	86,271	103,276	113,918	115,794	123,128	123,777
Illinois	46,956	71,243	103,972	108,412	109,605	114,296	119,042
Indiana	43,529	63,416	92,052	96,278	100,365	102,497	105,503
Kentucky	45,673	68,007	97,899	106,161	110,082	112,198	115,790
Michigan	47,588	69,408	94,821	102,409	107,356	109,865	116,070
Minnesota	45,501	76,605	107,733	111,392	112,849	114,534	114,764
Missouri	43,755	71,305	97,984	104,971	118,294	113,741	124,425
Nebraska	45,654	69,014	90,642	90,683	96,611	105,376	101,032
North Dakota	51,446	67,227	94,135	93,650	106,327	102,806	100,130
Ohio	46,576	71,436	100,515	107,210	109,092	113,001	116,199
South Dakota	36,623	62,869	74,176	74,937	76,052	74,425	75,469
Wisconsin	43,585	68,590	90,463	95,484	98,305	99,947	101,646
Midwest Avg.	45,649	70,466	95,639	100,459	105,061	107,151	109,487
U.S. Avg.	42,741	66,458	95,220	101,927	105,992	109,359	114,113

Source: 1991 Annual Survey of Manufacturers, U.S. Department of Commerce, Bureau of the Census.

Job Training in Iowa

The Iowa New Jobs Training Program is unique to Iowa and designed to provide job training services to companies that add new jobs in the state. Companies may be reimbursed up to 50 percent of new employees' wages & fringe benefits for up to a year.

Funds can be used for screening, skills assessment and testing; travel for new employees to training; and costs of training facilities, equipment, materials, and supplies.

The Iowa New Jobs Training Program is self-supporting. Funds come from revenues generated by a firm's investment in Iowa. The company's incremental property tax and a portion of the new employees' state withholding tax are diverted to pay for initial job training.

In addition to the direct training dollars, companies are eligible for a New Job Tax Credit of over $786 for each new job created.

Job Training Partnership Act is a federal job training program to prepare economically disadvantaged individuals and dislocated workers to enter the labor force. The federal program can be combined with the Iowa Industrial New Jobs Training Program to maximize training dollars.

Iowa's Department of Economic Development helps provide technical assistance to local officials and also helps monitor programs in Iowa to assure compliance with state and federal regulations.

Iowa's vocational education delivery system is responding to the educational needs of business and industry by offering customized training - tailored to the unique needs of the specific business or industry. During 1993, Iowa business and industrial firms and Iowa schools cooperated in the development of training programs for 5,708 Iowans. These partnerships between business and industry and education contribute to economic growth in the state by preparing, upgrading, and retraining individuals for participation in the workforce.

These programs were developed to:

- Prepare workers for employment in new and expanding business and industry.
- Increase productivity in existing business and industry.
- Prepare workers for employment in new or expanding business and industry in accordance with a unique financial design established by the Iowa Legislature (Iowa Industrial New Jobs Training Program).
- Prevent displacement of workers as the result of a business's retooling efforts (The Retraining Program).

Customized Educational Programs Serving Business and Industry, 1983-1993

Program Category	Number of Schools Participating Since Start of Program	Number of Projects Since Start of Program	Planned Job Creation And Retraining Since Start of Program	Actual Number of Jobs Created/Retrained Since Start of Program
Iowa New Jobs Training Program (1983-1993)	15	717	56,406	49,356
Iowa Small Business New Jobs Training Program (1985-1993)	15	129	2,714	1,896
Iowa Retraining Program (1989-1993)	14	205	22,382	14,546
Training Programs (1983-1993)	15	1,051	81,502	65,798

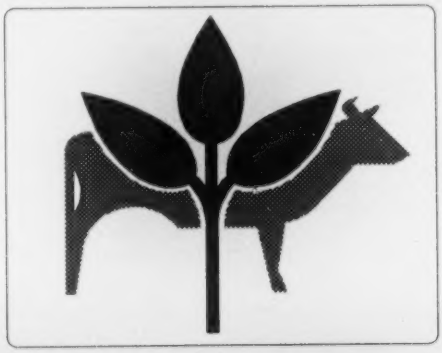
Customized Educational Programs Serving Business and Industry, 1993

Program Category	Number of Schools Participating In 1993	Number of New Projects In 1993	Planned Job Creation And Retraining In 1993
Iowa New Jobs Training Program	8	72	5,708
Iowa Small Business New Jobs Training Program	10	17	258
Iowa Retraining Program	14	76	5,376
Training Programs	15	165	11,342

Source: Iowa Department of Economic Development, Division of Workforce Development

MAJOR INDUSTRIES IN IOWA

AGRICULTURE



Ten Leading States in Agricultural Production, 1989

	Rank										Iowa	Iowa %
Item	1	2	3	4	5	6	7	8	9	10	Rank	of U.S.
Crops - 1989												
Total acres of principal crops harvested*	IOWA	Ill.	N.D.	Kans.	Minn.	Neb.	Tex.	S.D.	Mo.	Ind.	1	8
Corn for grain	IOWA	Ill.	Neb.	Minn.	Ind.	Ohio	Wisc.	S.D.	Mo.	Mich.	1	19
Corn for silage	Wisc.	S.D.	N.Y.	Minn.	Pa.	IOWA	N.D.	Neb.	Mich.	Ohio	6	5
Soybeans	Ill.	IOWA	Minn.	Ind.	Mo.	Ohio	Ark.	Neb.	Miss.	S.D.	2	14
Oats	S.D.	Minn.	IOWA	Wisc.	N.D.	Mich.	Pa.	Ohio	Neb.	Tex.	3	11
Alfalfa hay & mixtures	Wisc.	S.D.	IOWA	Minn.	N.D.	Mont.	Neb.	Mich.	Cal.	Idaho	3	7
All hay	S.D.	Tex.	Mo.	Wisc.	N.D.	Neb.	Minn.	Kans.	IOWA	Mont.	9	4
Livestock on Hand												
January 1, 1990												
All cattle and calves	Tex.	Neb.	Kans.	Okla.	Cal.	IOWA	Mo.	Wisc.	S.D.	Colo.	6	5
Milk cows that have calved	Wisc.	Cal.	N.Y.	Minn.	Pa.	Tex.	Ohio	Mich.	IOWA	Mo.	9	3
Beef cows that have calved	Tex.	Mo.	Okla.	Neb.	S.D.	Kans.	Mont.	IOWA	Fla.	Ky.	8	4
All hogs - December 1989	IOWA	Ill.	Minn.	Ind.	Neb.	Mo.	N.C.	Ohio	S.D.	Kans.	1	25
All sheep and lambs	Tex.	Cal.	Wyo.	Colo.	Mont.	S.D.	Utah	N.M.	IOWA	Oreg.	9	4
Cattle and calves on feed	Tex.	Neb.	Kans.	IOWA	Colo.	Cal.	Okla.	Ill.	Minn.	S.D.	4	8
Sheep and lambs on feed	Colo.	Tex.	Cal.	Oreg.	Kans.	Wyo.	IOWA	Minn.	Ohio	S.D.	7	5
Livestock Production in 1989												
Cattle and calf production	Tex.	Neb.	Kans.	Okla.	IOWA	Cal.	S.D.	Colo.	Wisc.	Mo.	5	5
Fed cattle marketed	Neb.	Tex.	Kans.	Colo.	IOWA	Cal.	Okla.	Ill.	Idaho	S.D.	5	8
Hog production	IOWA	Ill.	Minn.	Neb.	Ind.	N.C.	Mo.	Ohio	S.D.	Kans.	1	25
Sheep production	Tex.	Cal.	S.D.	Colo.	Wyo.	Mont.	IOWA	Utah	Oreg.	Idaho	7	5
Turkey production	N.C.	Minn.	Cal.	Ark.	Mo.	Va.	Ind.	IOWA	Pa.	S.C.	8	3
Calf crop	Tex.	Mo.	Okla.	Wisc.	Cal.	Neb.	S.D.	IOWA	Kans.	Mont.	8	4
Pig crop	IOWA	Ill.	Minn.	Ind.	Neb.	N.C.	Mo.	Ohio	S.D.	Kans.	1	24
Lamb crop	Tex.	Wyo.	Cal.	S.D.	Mont.	Utah	Colo.	IOWA	Oreg.	N.M.	8	5
Turkeys raised	N.C.	Minn.	Cal.	Ark.	Mo.	Va.	Ind.	Pa.	IOWA	S.C.	9	3
Cattle slaughter	Kans.	Tex.	Neb.	Colo.	IOWA	Ill.	Wisc.	Cal.	Minn.	Pa.	5	6
Hog slaughter	IOWA	Ill.	Minn.	Neb.	Mich.	Va.	Ind.	S.D.	Mo.	Ohio	1	29
Sheep slaughter	Colo.	Cal.	Tex.	IOWA	Kans.	Minn.	Mich.	Ill.	Wash.	N.Y.	4	10
Wool production	Tex.	Wyo.	Cal.	Colo.	Mont.	S.D.	Utah	N.M.	IOWA	Oreg.	9	4
Milk production	Wisc.	Cal.	N.Y.	Minn.	Pa.	Tex.	Mich.	Ohio	IOWA	Wash.	9	3
American cheese	Wisc.	Minn.	Cal.	IOWA	Idaho	N.Y.	Mo.	S.D.	N.D.	Utah	4	5
Total cheese	Wisc.	Minn.	Cal.	N.Y.	IOWA	Pa.	Mo.	Idaho	S.D.	Ill.	5	5

**Crops included are: Corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflower, cotton, all hay, dry beans, potatoes, sweet potatoes, tobacco, sugarcane, and sugar beets.*

Source: Iowa Agricultural Statistics, 1990, Iowa Department of Agriculture and Land Stewardship

1991 Iowa Farm Receipts

Iowa farmers continued to rank third in total cash receipts, excluding government payments, in 1991. The state ranked third in livestock and livestock products and fourth in crop receipts. Iowa farmers sold farm commodities worth $10.2 billion in 1991, ahead of the $9.07 billion in 1988. Livestock and livestock products contributed 56 percent and crops 44 percent of the total receipts for 1991.

Iowa Cash Farm Income, By Commodities

Commodity	Cash Farm Income*			Percent of		
	1977	1988	1989	1977	1988	1989
CROPS		(1,000 Dollars)			(Percent)	
Corn	1,165,412	1,586,347	1,916,067	16.9	18.1	21.1
Soybeans	1,337,318	2,016,022	1,779,658	19.4	22.9	19.5
Oats	31,942	31,181	31,180	0.5	0.4	0.3
Hay	37,677	77,236	93,727	0.5	0.9	1.0
Wheat	9,831	3,687	9,703			
Potatoes	1,801	1,539	1,539			
Vegetable crops	6,788	7,879	11,439	0.9	0.9	1.0
Fruits and nuts	1,535	2,748	3,349			
Other crops	6,988	10,893	9,880			
Nursery, greenhouse, and forest	33,049	49,788	54,296			
CROPS TOTAL	2,632,341	3,787,320	3,910,838	38.2	43.2	42.9
LIVESTOCK AND LIVESTOCK PRODUCTS						
Hogs	1,965,183	2,407,457	2,420,996	28.5	27.4	26.6
Cattle and calves	1,794,565	1,922,641	2,026,641	26.0	21.9	22.3
Sheep and lambs	16,741	26,224	22,565			
Wool	2,163	2,739	2,498	0.3	0.3	0.3
Dairy products	353,484	461,380	525,532	5.1	5.3	5.8
Turkeys	41,516	74,880	72,618	0.6	0.9	0.8
Eggs	67,235	64,655	95,052	1.0	0.7	1.0
Farm chickens	2,429	1,796	3,069			
Other poultry	10,333	14,713	16,516	0.2	0.2	0.2
Other livestock	8,167	11,291	11,485	0.1	0.1	0.1
LIVESTOCK TOTAL	4,261,816	4,987,776	5,196,972	61.8	56.8	57.1
ALL COMMODITIES	6,894,157	8,775,096	9,107,810	100.0	100.0	100.0
GOVERNMENT PAYMENTS**	28,901	1,664,991	981,206			
GRAND TOTAL	6,923,058	10,440,087	10,089,016			

*"Cash farm income" relates to the value of quantities of each product sold off the farm. These data show the direct income from crops sold. Income from crops fed to livestock is included as a part of livestock income.

**Includes agricultural conservation, price adjustment payments to farmers, and agricultural production and practice payments.

SOURCE: "Iowa Agricultural Statistics, 1990," Iowa Department of Agriculture and Land Stewardship.

Iowa Realized Gross Farm Income

Calendar Year	Cash Receipts From Farm Marketings: Livestock	Crops	Total crops & livestock	Government Payments	Non-money Income	Other Farm Income
			(Million Dollars)			
1978	5,449.5	3,104.3	8,553.9	271.0	535.9	74.6
1979	5,543.5	3,719.0	9,262.5	69.2	557.1	80.9
1980	5,311.5	4,950.5	10,262.1	44.6	654.9	76.4
1981	5,678.8	4,941.7	10,620.5	58.2	727.5	84.6
1982	5,906.6	4,108.8	10,015.4	215.9	702.3	301.7
1983	5,140.3	4,102.1	9,242.4	925.9	602.1	282.1
1984	5,014.6	3,725.3	8,739.9	742.8	527.1	191.8
1985	4,883.1	4,569.4	9,452.5	691.1	393.3	226.4
1986	4,981.1	3,997.1	8,978.2	1,161.2	312.1	196.3
1987	5,201.7	3,563.0	8,764.7	1,987.7	283.0	236.3
1988	5,045.1	4,028.9	9,074.0	1,665.0	331.6	214.8

Source: "Iowa Agricultural Statistics, 1990," Iowa Department of Agriculture

Iowa Realized Net Farm Income

Calendar Year	Realized Net Farm Income: Realized Gross Farm Income	Farm Production Expenses	Total, All Farms	Average Per Farm	Net Change In Farm Inventories	Total Net Farm Income: Total, All Farms	Average Per Farm
	Million dollars			Dollars	Million dollars		Dollars
1978	9,435.4	7,824.3	1,611.1	13,098.0	414.1	2,025.1	16,464.0
1979	9,969.7	9,212.7	757.0	6,256.0	614.2	1,371.1	11,331.0
1980	11,038.0	9,971.1	1,066.9	8,966.0	(646.1)	420.8	3,536.0
1981	11,490.8	9,908.9	1,581.9	13,406.0	259.6	1,841.5	15,606.0
1982	11,235.3	9,930.7	1,304.6	11,150.0	(441.6)	862.9	7,375.0
1983	11,052.5	9,247.8	1,804.7	15,693.0	(2,009.9)	(205.1)	(1,783.0)
1984	10,201.6	9,779.5	422.1	3,735.0	873.3	1,295.5	11,465.0
1985	10,763.4	8,955.8	1,807.6	16,285.0	(139.4)	1,668.1	15,028.0
1986	10,647.8	8,205.2	2,442.6	22,409.0	(120.6)	2,322.0	21,303.0
1987	11,271.7	8,330.4	2,941.3	27,489.0	(255.9)	2,685.3	25,096.0
1988	11,285.4	8,773.1	2,512.3	23,479.0	(502.3)	2,010.0	18,785.0

Source: "Iowa Agricultural Statistics, 1990," Iowa Department of Agriculture

Cash Receipts from Marketings, 1988-1989; Iowa and Ten Leading States

Source of Cash Receipts*	Rank 1	2	3	4	5	6	7	8	9	10
						1988				
Crops	Cal.	Fla.	Ill.	IOWA	Texas	Minn.	Neb.	Ind.	Kans.	Ohio
Livestock and livestock products	Texas	Neb.	IOWA	Cal.	Wisc.	Kans.	Minn.	Colo.	Pa.	Ark.
Total	Cal.	Texas	IOWA	Neb.	Kans.	Ill.	Minn.	Fla.	Wisc.	N.C.
						1989**				
Crops	Cal.	Fla.	Ill.	IOWA	Texas	Neb.	Minn.	Ind.	Wash.	Ohio
Livestock and livestock products	Texas	Neb.	IOWA	Cal.	Wisc.	Kans.	Minn.	Ark.	Colo.	Pa.
Total	Cal.	Texas	IOWA	Neb.	Ill.	Minn.	Kans.	Fla.	Wisc.	N.C.

* *Excludes government payments.*
** *Preliminary.*
Source: "Iowa Agricultural Statistics, 1990," Iowa Department of Agriculture and Land Stewardship.

Iowa Farms*: Number, Average Size, & Land, 1978-1992

Year	Number of Farms	Average Size	Land in Farms
	Thousands	Acres	Mil. acres
1978	123	275	33.8
1979	121	279	33.8
1980	119	284	33.8
1981	118	286	33.7
1982	117	288	33.7
1983	115	293	33.7
1984	113	297	33.6
1985	111	303	33.6
1986	109	308	33.6
1987	107	313	33.5
1988	107	313	33.5
1989	105	319	33.5
1990	104	322	33.5
1991	102	328	33.5
1992**	102	327	33.4

**The "New Definition" of a farm, starting in 1975,includes places which had annual sales of agricultural products of $1,000 or more. This is the same definition used by the Department of Commerce, Bureau of the Census, for the 1978 Census of Agriculture.*

***Preliminary*

Source: "Facts on Iowa Agricultural, 1993", Iowa Farm Bureau Federation, Communications Division

Iowa Farmers by Age Group

Operators by age group	1969	1974	1978	1982	1987
Under 25 years	3600	4280	6339	5602	2852
25 to 34 years	18734	15835	19205	20346	17458
35 to 44 years	31235	24153	23918	22548	21282
45 to 54 years	39255	33688	30341	26104	21744
55 to 64 years	33543	31404	28959	27594	25287
65 years and over	14347	15335	12577	13219	16557
Average age	48.7	49.3	47.5	47.6	49.3

Iowa Farms by Type of Organization, 1987

	Number	Percent of Total
Individual or Family	89,188	84.8%
Partnership	11,088	10.5%
Corporation	4,404	4.2%
Other	500	0.5%

Source:1987 Census of Agriculture, U.S. Department of Commerce, Bureau of Census.

Change in Iowa Farmland Values, 1966-1992

Year	Value Per Acre	Dollar Change	Percentage Change	Year	Value Per Acre	Dollar Change	Percentage Change
1966	$354	$36	11.4	1980	$2,066	$108	5.5
1967	$397	$42	12.0	1981	$2,147	$82	3.9
1968	$409	$12	3.0	1982	$1,801	($346)	-16.1
1969	$419	$10	2.5	1983	$1,691	($110)	-6.1
1970	$419	$0	0.0	1984	$1,357	($334)	-19.8
1971	$430	$11	2.6	1985	$948	($409)	-30.2
1972	$482	$52	12.0	1986	$787	($161)	-17.0
1973	$635	$154	31.9	1987	$875	$88	11.2
1974	$834	$199	31.3	1988	$1,054	$179	20.5
1975	$1,095	$261	31.3	1989	$1,139	$85	8.1
1976	$1,368	$273	24.9	1990	$1,214	$75	6.6
1977	$1,450	$82	6.0	1991	$1,219	$5	0.4
1978	$1,646	$196	13.5	1992	$1,249	$30	2.5
1979	$1,958	$312	19.0				

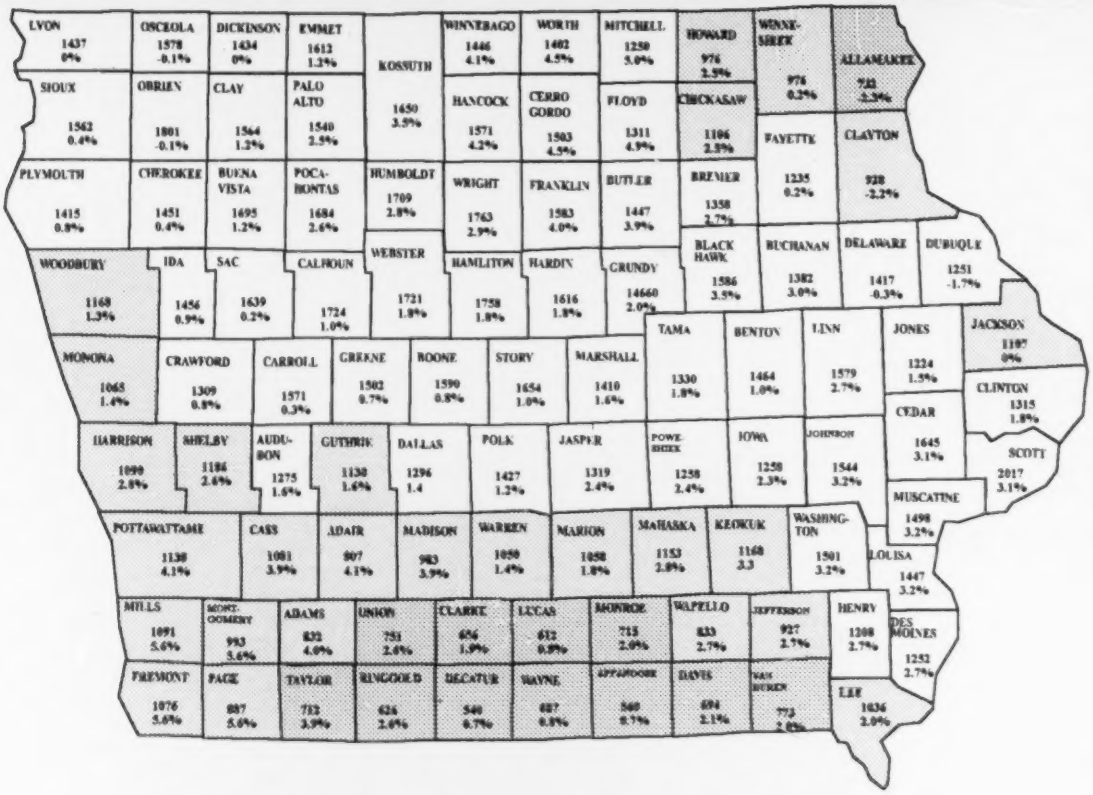
Source: ISU Extension Service

Comparative Iowa Land Values by County, 1991-1993

County	Land Value 1991	Land Value 1992	Land Value 1993	Increase 1992-1993
State Average	$1,219	$1,249	$1,275	2.1
Adair	753	775	807	4.1
Adams	781	800	832	4.0
Allamakee	735	749	732	-2.3
Appanoose	526	556	560	0.7
Audubon	1,222	1,255	1,275	1.6
Benton	1,416	1,450	1,464	1.0
Black Hawk	1,501	1,532	1,586	3.5
Boone	1,540	1,577	1,590	0.8
Bremer	1,298	1,322	1,358	2.7
Buchanan	1,317	1,342	1,382	3.0
Buena Vista	1,648	1,675	1,695	1.2
Butler	1,371	1,393	1,447	3.9
Calhoun	1,672	1,707	1,724	1.0
Carroll	1,529	1,567	1,571	0.3
Cass	1,017	1,040	1,081	3.9
Cedar	1,560	1,595	1,645	3.1
Cerro Gordo	1,421	1,438	1,503	4.5
Cherokee	1,409	1,445	1,451	0.4
Chickasaw	1,060	1,079	1,106	2.5
Clarke	614	644	656	1.9
Clay	1,521	1,546	1,564	1.2
Clayton	932	949	928	-2.2
Clinton	1,270	1,292	1,315	1.8
Crawford	1,265	1,299	1,309	0.8
Dallas	1,248	1,278	1,296	1.4
Davis	648	680	694	2.1
Decatur	507	536	540	0.7
Delaware	1,395	1,421	1,417	-0.3
Des Moines	1,167	1,219	1,252	2.7
Dickinson	1,400	1,434	1,434	0.0
Dubuque	1,250	1,272	1,251	-1.7
Emmet	1,567	1,593	1,612	1.2
Fayette	1,209	1,232	1,235	0.2
Floyd	1,227	1,250	1,311	4.9
Franklin	1,512	1,522	1,583	4.0
Fremont	1,000	1,019	1,076	5.6
Greene	1,456	1,492	1,502	0.7
Grundy	1,592	1,628	1,660	2.0
Guthrie	1,084	1,112	1,130	1.6
Hamilton	1,699	1,727	1,758	1.8
Hancock	1,499	1,508	1,571	4.2
Hardin	1,562	1,587	1,616	1.8
Harrison	1,033	1,060	1,090	2.8
Henry	1,126	1,176	1,208	2.7
Howard	935	952	976	2.5
Humbolt	1,648	1,662	1,709	2.8
Ida	1,405	1,443	1,456	0.9
Iowa	1,189	1,230	1,258	2.3
Jackson	1,088	1,107	1,107	0.0
Jasper	1,242	1,288	1,319	2.4
Jefferson	864	903	927	2.7
Johnson	1,449	1,496	1,544	3.2
Jones	1,185	1,206	1,224	1.5
Keokuk	1,087	1,131	1,168	3.3
Kossuth	1,590	1,594	1,650	3.5
Lee	968	1,016	1,036	2.0
Linn	1,506	1,537	1,579	2.7
Louisa	1,358	1,402	1,447	3.2
Lucas	574	607	612	0.8
Lyon	1,403	1,437	1,437	0.0
Madison	921	946	983	3.9
Mahaska	1,075	1,122	1,153	2.8
Marion	989	1,039	1,058	1.8
Marshall	1,349	1,388	1,410	1.6
Mills	1,014	1,033	1,091	5.6
Mitchell	1,169	1,191	1,250	5.0
Monona	1,020	1,050	1,065	1.4
Monroe	668	701	715	2.0
Montgomery	922	940	993	5.6
Muscatine	1,417	1,452	1,498	3.2
O'Brien	1,766	1,808	1,807	-0.1
Osceola	1,542	1,579	1,578	-0.1
Page	824	840	887	5.6
Palo Alto	1,490	1,503	1,540	2.5
Plymouth	1,367	1,404	1,415	0.8
Pocahontas	1,627	1,641	1,648	2.6
Polk	1,369	1,410	1,427	1.2
Pottawattamie	1,069	1,093	1,138	4.1
Poweshiek	1,187	1,228	1,258	2.4
Ringgold	586	610	626	2.6
Sac	1,595	1,635	1,639	0.2
Scott	1,923	1,956	2,017	3.1
Shelby	1,126	1,156	1,186	2.6
Sioux	1,517	1,556	1,562	0.4
Story	1,598	1,638	1,654	1.0
Tama	1,272	1,306	1,330	1.8
Taylor	664	685	712	3.9
Union	702	732	751	2.6
Van Buren	723	758	773	2.0
Wapello	777	811	833	2.7
Warren	992	1,035	1,050	1.4
Washington	1,397	1,454	1,501	3.2
Wayne	570	602	607	0.8
Webster	1,664	1,691	1,721	1.8
Winnebago	1,380	1,389	1,446	4.1
Winneshiek	956	974	976	0.2
Woodbury	1,121	1,153	1,168	1.3
Worth	1,325	1,341	1,402	4.5
Wright	1,700	1,714	1,763	2.9

Source: I.S.U. Extension Service

Comparative Iowa Land Values



Top figure: Estimated 1993 average value per acre of land
Bottom figure: percent change from 1992

Under $800 per acre | $800-$1,200 per acre | Over $1,200 per acre

Average Per Acre Value of Farmland and Buildings in the Midwest*

State	1985 (April 1)	1990 (January 1)	1991 (January 1)	1992 (January 1)
IOWA	1,091	1,102	1,157	1,178
Illinois	1,381	1,389	1,433	1,500
Indiana	1,344	1,244	1,275	1,303
Kansas	488	462	467	484
Michigan	1,108	1,005	1,085	1,105
Minnesota	898	805	873	873
Missouri	689	679	689	689
Nebraska	485	550	556	569
North Dakota	373	340	368	358
Ohio	1,215	1,204	1,217	1,249
South Dakota	289	328	351	365
Wisconsin	944	803	853	870
48 State Avg	713	668	681	685

**Current dollars*

Source: "RTD Updates," July 1992, U.S. Department of Agriculture, Economic Research Service.

Iowa Farms: Number and Average Size by County, 1992*

County and District	Number of Farms 1990	1991	1992 *	Average Acres per Farm 1990	1991	1992
Buena Vista	1,070	1,060	1,060	328	331	331
Cherokee	1,060	1,060	1,060	326	335	335
Clay	870	850	850	397	406	405
Dickinson	590	580	580	381	387	383
Emmet	600	590	590	401	407	406
Lyon	1,230	1,200	1,200	295	302	302
O'Brien	1,200	1,190	1,190	294	296	296
Osceola	730	720	720	336	341	341
Palo Alto	920	910	910	379	383	382
Plymouth	1,740	1,690	1,690	306	315	314
Pocahontas	990	970	970	358	365	365
Sioux	1,990	1,950	1,950	235	240	240
NW District	13,020	12,770	12,770	321	327	327
Butler	1,290	1,260	1,260	273	280	279
Cerro Gordo	930	910	910	362	369	366
Floyd	980	960	960	309	315	315
Franklin	1,000	980	980	357	365	364
Hancock	1,040	1,020	1,020	336	342	342
Humboldt	730	720	720	366	371	371
Kossuth	1,700	1,670	1,670	352	359	358
Mitchell	940	920	920	306	313	312
Winnebago	740	730	730	326	331	330
Worth	660	650	650	367	372	371
Wright	880	860	860	404	413	413
NC District	10,890	10,680	10,680	339	346	345
Allamakee	1,060	1,040	1,040	352	359	357
Black Hawk	1,260	1,240	1,240	243	247	247
Bremer	1,140	1,120	1,120	228	232	231
Buchanan	1,320	1,290	1,290	262	268	268
Chickasaw	1,050	1,030	1,030	291	296	298
Clayton	1,660	1,610	1,610	280	289	289
Delaware	1,420	1,390	1,390	246	251	250
Dubuque	1,630	1,600	1,600	214	218	217
Fayette	1,500	1,470	1,470	294	300	300
Howard	930	920	920	310	313	316
Winneshiek	1,620	1,580	1,580	259	265	265
NE District	14,590	14,290	14,290	267	273	273
Audubon	850	830	830	326	334	335
Calhoun	980	960	960	358	365	365
Carroll	1,290	1,280	1,280	272	274	274
Crawford	1,330	1,310	1,310	333	338	338
Greene	940	930	930	377	381	380
Guthrie	960	930	930	379	391	390
Harrison	1,020	1,000	1,000	414	422	421
Ida	780	760	760	344	353	353
Monona	850	830	830	492	504	505
Sac	1,020	1,010	1,010	347	350	349
Shelby	1,170	1,140	1,140	312	320	320
Woodbury	1,350	1,320	1,320	378	386	385
WC District	12,540	12,300	12,300	357	364	364

Iowa Farms: Number and Average Size by County, 1992*, (continued)

County and District	Number of Farms			Average Acres per Farm		
	1990	1991	1992	1990	1991	1992
Boone	1,010	990	990	328	335	337
Dallas	1,070	1,050	1,050	323	329	326
Grundy	1,020	1,000	1,000	307	313	313
Hamilton	1,010	990	990	347	354	354
Hardin	1,050	1,030	1,030	330	336	336
Jasper	1,430	1,420	1,420	307	309	304
Marshall	1,060	1,040	1,040	325	331	329
Polk	990	970	970	255	261	254
Poweshiek	1,030	1,010	1,010	347	353	353
Story	1,130	1,110	1,110	294	299	297
Tama	1,390	1,360	1,360	315	322	321
Webster	1,220	1,190	1,190	347	355	354
C District	13,410	13,160	13,160	319	325	323
Benton	1,430	1,400	1,400	302	309	308
Cedar	1,170	1,140	1,140	300	308	308
Clinton	1,430	1,400	1,400	286	292	292
Iowa	1,050	1,030	1,030	343	350	348
Jackson	1,340	1,320	1,320	282	287	285
Johnson	1,350	1,330	1,330	244	248	244
Jones	1,160	1,130	1,130	300	308	308
Linn	1,660	1,630	1,630	233	238	235
Muscatine	890	880	880	281	284	283
Scott	960	940	940	248	253	250
EC District	12,440	12,200	12,200	280	286	284
Adair	960	940	940	370	378	378
Adams	680	670	670	389	394	394
Cass	930	910	910	373	381	381
Fremont	710	700	700	439	445	444
Mills	640	620	620	418	431	428
Montgomery	690	680	680	377	383	381
Page	980	970	970	334	337	337
Pottawattamie	1,620	1,580	1,580	346	364	353
Taylor	760	750	750	438	444	443
SW District	7,970	7,820	7,820	380	387	386
Appanoose	870	850	850	330	337	337
Clarke	690	680	680	382	388	388
Decatur	710	700	700	458	464	465
Lucas	680	670	670	369	375	372
Madison	1,050	1,030	1,030	331	337	338
Marion	1,120	1,090	1,090	271	279	277
Monroe	730	720	720	362	367	366
Ringgold	690	680	680	489	496	495
Union	680	670	670	382	388	386
Warren	1,270	1,240	1,240	261	267	267
Wayne	740	730	730	436	442	442
SC District	9,230	9,060	9,060	380	364	363
Davis	910	900	900	345	348	343
Des Moines	750	730	730	291	299	298
Henry	880	870	870	296	301	300
Jefferson	770	750	750	341	350	347
Keokuk	1,020	1,000	1,000	349	356	355
Lee	980	960	960	301	307	306
Louisa	630	610	610	368	380	379
Mahaska	1,160	1,150	1,150	299	302	301
Van Buren	780	760	760	379	389	386
Wapello	880	870	870	283	287	285
Washington	1,150	1,120	1,120	296	306	305
SE District	9,910	9,720	9,720	320	327	325
State	104,000	102,000	102,000	322	328	327

**Preliminary*

Source: Iowa Agricultural Statistics

Agribusiness in Iowa, 1990

	1991		
	*Number of Establishments	**Employees	Payroll (Millions)
FOOD PROCESSING (Total)	**419**	**45,619**	**1,096.4**
Meat and Poultry Products (Total)	101	24,034	474.9
Meat Packing	53	17,816	341.5
Dairy Products (Total)	41	3,281	80.0
Fluid Milk	15	1,202	28.7
Cheese	14	943	20.0
Grain Mill Products (Total)	149	8,932	319.2
Wet Corn Milling	7	2,729	114.1
Prepared Feeds	122	3,194	73.2
Flour & Other Grain Mill	7	259	8.1
Bakery & Confectionary Products	32	3,392	68.9
Preserved Fruits & Vegetables	12	1,590	32.1
Fats & Oils (Incl. Soybeans)	31	N/A	N/A
Beverages	18	1,189	34.2
Miscellaneous	31	1,804	49.5
FOOD DISTRIBUTION (Total)	**5,943**	**115,171**	**1,006.2**
Total Retail Food Stores	2,046	42,669	405.5
Wholesale Groceries	363	8,948	212.9
Eating Places	3,534	63,554	387.8
TRADE (Total)	**3,675**	**28,792**	**572.4**
Farm & Garden Machinery	560	5,445	116.0
Farm Supplies	961	7,683	167.5
Crop Services	65	311	7.4
Veterinary Services	398	2,109	32.7
Other Animal Services	112	539	7.2
Grain Dealers	771	7,120	157.2
Livestock Dealers	205	1,821	17.9
Other Farm Products	18	155	2.9
Farm Labor & Management Services	28	150	3.1
Landscape & Horticultural	347	2,269	43.0
Soil Preparation Services	20	77	1.5
Farm Product Warehouse, Storage	21	92	1.6
Retail Nursery & Garden	169	1,021	14.4
MANUFACTURING (TOTAL)	**378**	**20,569** ***	**641.7** ***
Farm & Garden Machinery	139	12,353	443.6
Ag Chemicals	22	1,163	40.4
Lumber & Wood Products	182	7,053	157.7
Food Products Machinery	15	N/A	N/A
Leather & Leather Products	20	N/A	N/A
Total Agricultural	**10,415**	**210,151** ***	**3,316.7**
Total For Iowa	**74,320**	**1,019,245**	**19,235.8**
Ag as Percent of Iowa Total	**14%**	**20.6%**	**17.2%**

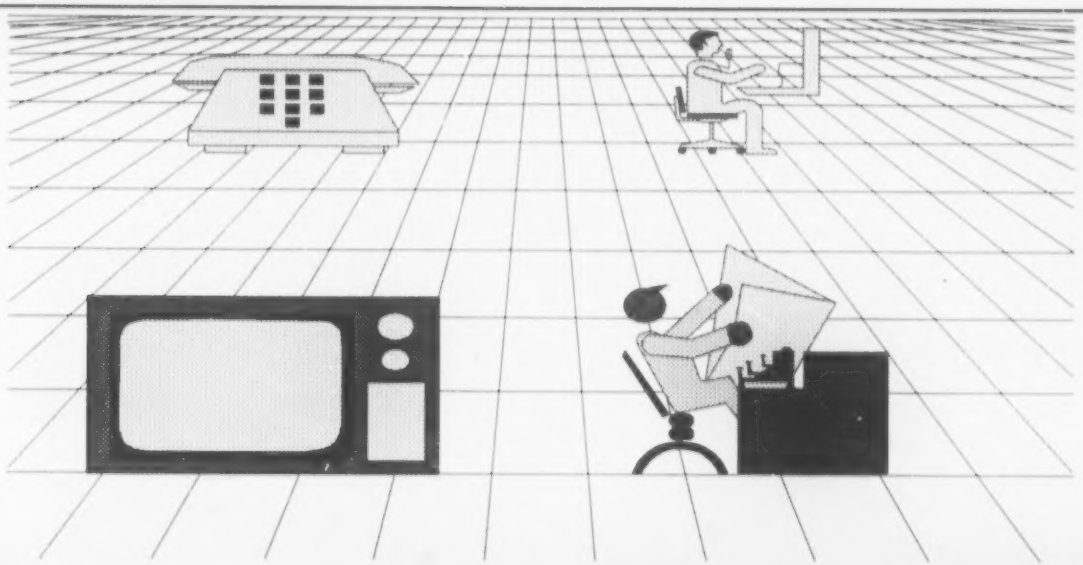
** Non-manufacturing businesses with operations in more than one location are counted only once. Thus, the number of food stores represents the number of reporting firms rather than actual store numbers.*

***As of March 1990.*

**** Excluding data not available.*

Source: County Business Patterns 1991, Iowa, U.S. Department of Commerce, Bureau of the Census, CBP-91-17.

COMMUNICATIONS



Communications Media

	1980	1985	1989	1990	1991	1993
Telephones in use:*						
Total	1,176,073	1,240,016	N/A	1,332,671	1,353,713	N/A
Newspapers:						
Daily - number	42	36	38	39	39	38
Net paid circulation	934,390	1,001,829	549,589	784,800 **	802,274	750,898
Sunday - number	9	11	10	10	10	10
Net paid circulation	745,039	769,656	386,979	N/A	740,779	725,769
Weeklies - number	339	329	304	302	298	306
Net paid circulation	780,663	628,892	683,000	637,689	628,729	627,806
Commercial broadcast:						
Stations - total	196	186	192	204		
Radio - total	174	170	173	182		
AM	85	77	81	78	Not Available	
FM	89	93	92	104		
Television	15	16	19	22		
Non-commercial (educational) broadcast:						
Stations - total		20	13	37		
Radio - total		19	10	36		
AM		6	1	6	Not Available	
FM		13	9	30		
Television		1	1	1		
Satellite T.V. stations		7	7	7		

** Since private ownership of telephones began, only the number of primary access lines is available. A primary access line is a telephone line with an associated phone number.*

*** Known circulation plus estimates for three remaining newspapers.*

Sources: Iowa Utilities Board, Iowa Newspaper Association, Inc., Iowa Broadcasters Association, and "The Broadcasting Yearbook, 1991".

Telecommunications in Iowa

IOWA BUSINESS TELECOMMUNICATIONS FACTS:

Iowa Utilities Board has approved deregulation of long distance services:

- Iowa is the only state in the nation with completely deregulated long-distance rates.
- Deregulation allows the best customized systems and service at the lowest possible price.
- This action will attract long distance carriers and major business telecommunications users.
- Iowa's rates are among the lowest in the country for companies with 800-numbers.

Iowa's fiber optics networks rank number one in the nation:

- Teleconnect and Williams Pipeline together have installed a fiber optics network which covers the state, providing crystal-clear connections.
- Approximately 865 miles of new fiber optics cable was routed throughout rural Iowa in 1990.
- The integration of equal access optics in Iowa is recognized as a national model.

Iowa's telecommunications system offers enhanced services, like Digital Switching:

- Digital Switching is a computerized switch which allows options such as call forwarding and call waiting.
- Several communities are already equipped with high capacity Digital Switching.
- 70% of Iowa's communities will have Digital Switching within the year.

Iowa lies in a strategic location:

- Iowa's Central time zone allows telemarketers to maximize their "reach."
- Iowa's location creates more telemarketing hours per day, with shifts that range from 8 a.m. on the East Coast to 9 p.m. on the West Coast.
- The crossroads of all the major transcontinental fiber optics networks lies in Iowa.

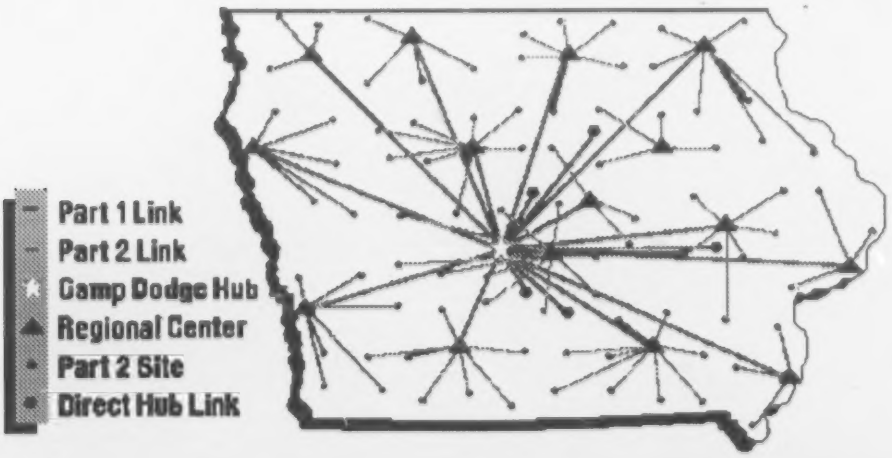
IOWA COMMUNICATIONS NETWORK (ICN) FACTS:

Iowa is a pioneer in the application of educational telecommunications:

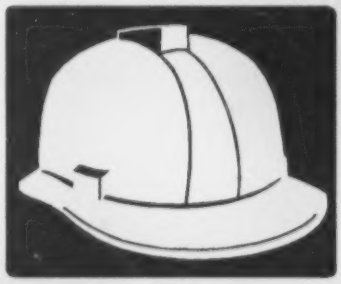
- Iowa is the first state in the nation to develop a statewide, full-motion two-way video and audio educational telecommunications network.
- As of January 1994, the network connected at least one educational endpoint in each of Iowa's 99 counties, including each of the state's 15 community colleges and 3 regent universities.
- Iowa's network serves as a model for educators throughout the United States and other nations.

The new statewide system will benefit schools and communities:

- The data capabilities of the network will make databases across the national available to even the most remote learner on the ICN.
- Plans are being made to connect additional educational endpoints across the state.
- The state also has several regional ITFS and microwave systems which join geographically distant learners.
- Within the first six months of ICN use, over 15,000 hours of educational programming was scheduled and the numbered doubled in the next six months.



CONSTRUCTION



Iowa Construction Industry, Establishments, Employees and Payroll, 1991

SIC Code	Industry Description	Number of Establishments	Number of Employees	Annual Payroll ($000)
	CONSTRUCTION INDUSTRY TOTAL	6,514	41,969	1,061,657
15	General contractors and operative builders	1,952	11,240	252,305
151	General building contractors	1,263	8,466	197,942
153	Operative builders	48	305	9,201
16	Heavy construction contractors	529	4,833	184,858
161	Highway and street construction	136	1,907	106,399
162	Heavy construction, except highways	368	2,750	75,933
17	Special trade contractors	4,029	25,828	621,121
171	Plumbing, heating, and air conditioning	897	6,355	159,538
172	Painting, paper hanging, decorating	311	1,246	24,766
173	Electrical work	542	4,320	116,910
174	Masonary, stonework, plastering	395	2,874	68,530
1741	Masonary and other stonework	210	1,232	30,038
1742	Plastering, drywall and insulation	150	1,385	34,077
1743	Terrazzo, tile, marble mosaic work	16	199	3,667
175	Carpentering and flooring	492	1,722	29,019
1751	Carpentering	384	1,331	22,183
1752	Floor laying and floor work, N.E.C.	84	313	6,123
176	Roofing and sheet metal work	319	2,905	64,164
177	Concrete work	300	1,890	54,725
178	Water well drilling	47	209	4,746
179	Miscellaneous special trade contractors	495	3,255	76,747
1791	Structural steel erection	26	505	9,389
1793	Glass and glazing work	23	197	4,369
1794	Excavating and foundation work	184	723	20,447
1796	Installing building equipment, N.E.C.	51	656	16,991
1799	Special trade contractors, N.E.C.	176	981	19,877

N.E.C. = Not elsewhere classified

Source: County Business Patterns, 1990, U.S. Department of Commerce, Bureau of the Census.

New Privately-owned Housing Units Authorized in Permit Issuing Places

Iowa MSA	1988		1989		1990		1991	
	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
Cedar Rapids	696	$37,763	1,081	$57,674	682	$43,797	1007	$59,931
Davenport (Quad Cities)	422	$43,547	601	$52,032	649	$67,526	780	$80,697
Des Moines	2,878	$173,685	2,412	$158,904	2,669	$187,340	2239	$197,465
Dubuque	198	$15,328	246	$18,584	346	$26,184	296	$24,710
Iowa City	388	$34,455	672	$48,204	619	$47,680	692	$54,497
Omaha-Council Bluffs	3,075	$162,291	3,149	$160,089	3,370	$171,509	2929	$189,154
Sioux City	145	$6,011	210	$9,485	257	$12,153	376	$13,669
Waterloo/Cedar Falls	161	$10,785	200	$17,629	236	$20,593	274	$23,496

Source: Current Construction Reports, Housing Units Authorized by Building Permits-Annual Editions, U.S. Department of Commerce, Bureau of the Census.

Number and Value of Housing Permits

Housing Permits For Single, Two-Family, and Multiple Dwellings, 1989-1992

	1989		1990		1991		1992	
City	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
Altoona	58	$3,839	29	$2,847	28	$3,490	75	$7,960
Ames	72	$6,656	78	$12,341	115	$14,733	177	$19,518
Ankeny	118	$13,978	144	$17,264	188	$18,587	242	$22,470
Atlantic	7	$430	9	$661	10	$836	1	$80
Bettendorf	182	$20,088	214	$26,341	249	$26,066	193	$22,182
Boone	12	$1,154	13	$1,179	19	$1,827	13	$1,379
Burlington	22	$1,830	27	$2,446	18	$3,789	25	$2,409
Carroll	21	$2,142	39	$4,266	30	$3,497	45	$4,924
Cedar Falls	72	$7,494	74	$9,919	73	$10,553	88	$11,127
Cedar Rapids	352	$29,603	250	$17,832	307	$33,336	408	$40,900
Charles City	1	$35	4	$615	2	$87	9	$598
Clear Lake	12	$1,651	19	$1,900	8	$980	15	$1,380
Clinton	18	$1,682	23	$2,511	20	$2,005	27	$2,928
Clive	63	$11,863	110	$19,895	154	$28,802	256	$43,848
Coralville	52	$4,811	82	$7,484	92	$12,511	103	$12,183
Council Bluffs	76	$5,000	63	$6,199	69	$5,632	76	$6,599
Creston	8	$604	2	$135	6	$1,166	3	$227
Davenport	125	$15,254	137	$14,721	138	$15,209	187	$19,444
Decorah	28	$2,131	22	$2,253	26	$2,355	34	$3,759
Des Moines	324	$27,048	286	$31,371	321	$31,976	305	$34,114
Dubuque	103	$9,657	130	$14,750	125	$11,959	191	$20,449
Fairfield	21	$1,816	8	$835	18	$1,354	25	$1,997
Fort Dodge	29	$2,150	23	$1,834	25	$2,462	32	$2,803
Fort Madison	1	$40	2	$130	2	$266	2	$116
Indianola	21	$1,747	56	$11,399	48	$5,724	58	$7,525
Iowa City	170	$26,936	158	$22,627	151	$21,742	240	$34,196
Keokuk	0	$0	4	$321	9	$643	10	$692
Knoxville	13	$779	13	$861	11	$820	6	$848
LeMars	29	$1,557	35	$1,910	32	$2,534	38	$2,588
Marion	89	$7,114	76	$5,798	105	$7,948	165	$13,564
Marshalltown	19	$2,229	22	$1,968	26	$2,303	10	$1,302
Mason City	45	$4,673	50	$4,046	43	$3,672	42	$4,668
Mount Pleasant	13	$960	24	$1,743	24	$2,358	20	$1,707
Muscatine	18	$1,876	38	$2,988	32	$2,641	45	$4,020
Newton	41	$5,422	34	$3,091	21	$11,069	25	$2,838
Oskaloosa	20	$1,803	19	$1,385	21	$1,532	31	$1,881
Ottumwa	11	$756	17	$922	21	$1,484	17	$1,321
Pella	29	$2,369	18	$2,199	20	$3,008	29	$3,463
Sioux City	107	$3,551	103	$3,917	100	$4,902	126	$10,433
Spencer	10	$1,043	20	$3,080	15	$1,244	20	$3,598
Storm Lake	7	$458	10	$856	7	$593	13	$1,145
Urbandale	234	$12,460	302	$16,384	342	$24,074	318	$35,207
Washington	14	$933	17	$1,155	21	$1,509	23	$5,803
Waterloo	26	$6,644	39	$4,085	39	$4,864	47	$5,452
Waverly	18	$1,679	27	$2,810	24	$3,210	28	$2,808
Webster City	6	$836	3	$166	8	$519	4	$271
West Des Moines	339	$42,491	295	$40,133	262	$28,637	367	$54,479
TOTAL	3056	$299,272	3168	$333,573	3425	$370,508	4214	$483,203

Source: Iowa Department of Economic Development

FINANCE

Total Bank Deposits, Assets, & Loans: Iowa & Contiguous States

(Thousands of Dollars)

IOWA	1990	1991	Missouri	1990	1991
Total Deposits	29,178,852	30,790,033	Total Deposits	54,287,320	54,382,687
Total Assets	34,570,103	36,342,392	Total Assets	64,698,795	65,377,403
Total Loans and Leases	16,606,505	17,408,070	Total Loans and Leases	36,401,504	36,159,120
Illinois	**1990**	**1991**	**Nebraska**	**1990**	**1991**
Total Deposits	154,708,048	157,034,846	Total Deposits	17,633,431	18,583,084
Total Assets	196,919,725	199,187,680	Total Assets	20,174,761	21,405,338
Total Loans and Leases	110,796,170	106,971,730	Total Loans and Leases	10,812,988	11,807,625
Kansas	**1990**	**1991**	**South Dakota**	**1990**	**1991**
Total Deposits	25,960,259	25,903,733	Total Deposits	10,934,384	11,251,396
Total Assets	29,552,857	29,761,661	Total Assets	19,209,597	17,550,800
Total Loans and Leases	15,064,319	14,770,998	Total Loans and Leases	14,311,491	12,517,868
Minnesota	**1990**	**1991**	**Wisconsin**	**1990**	**1991**
Total Deposits	45,385,168	45,029,763	Total Deposits	39,765,706	41,265,277
Total Assets	55,524,103	54,918,532	Total Assets	47,506,535	49,041,403
Total Loans and Leases	32,875,889	32,288,437	Total Loans and Leases	30,078,035	30,679,459

Source: "BankSource" Bank Analysis & Forecasting System, December 31, 1991; W.C. Ferguson & Company.

Iowa Chartered Banks

(Amounts expressed in Millions of Dollars)	12/88	6/89	6/90	6/91	6/92
Number of Banks	483	580	567	557	545
Loans and Direct Lease Financing	$9,057	$14,913	$15,906	$16,960	$18,036
Total Assets	$20,899	$30,756	$32,667	$34,900	$36,441
Total Deposits	$17,922	$25,926	$27,565	$29,547	$30,617

Source: State of Iowa, Division of Banking

Iowa Savings and Loan Associations

(Balances Outstanding in Million Dollars)

	1970	1980	1988	1989	1990	1991	1992
Number of S&L Institutions	83	74	45	45	39	36	33
Total Assets	$1,966	$7,169	$9,731	$8,991	$6,715	$5,223	$5,003
Total Mortgage Loans	$1,691	$5,927	$5,438	N/A	$3,469	$2,678	$2,362
Total Deposits	$1,691	$6,078	$7,969	$7,690	$5,764	$4,580	$4,210

Sources: 1970 & 1980 - U.S. Department of Commerce, Statistical Abstract of the United States.
1988 to 1992 - Office of Thrift Supervision, Department of the Treasury.

Iowa Chartered Credit Unions

	1970	1980	1988	1989	1990	1991
Number (December 31)	426	381	263	254	247	241
Total Assets($000)	205,599	660,560	1,589,290	1,694,753	1,862,501	2,017,223
Loans($000)	150,265	479,044	1,014,417	1,139,776	1,213,685	1,241,600
Shares and deposits($000)	181,093	591,158	1,450,739	1,547,477	1,710,417	1,852,395

Source: Iowa Department of Commerce, Division of Credit Union

INSURANCE

In 1990, a total of 1,596 insurers were operating in Iowa. Of these, 239 were domiciled in Iowa. The domestic insurers actively engaged in business included:

36 life insurance companies
56 property and liability companies
127 county mutuals
1 fraternal beneficiary society
1 reciprocal exchange
7 state mutuals
2 hospital and medical service organizations
6 health maintenance organizations
3 risk retention groups

Source: Iowa Insurance Fact Book, 1992, Drake University

Number of Insurance Companies Operating in Iowa

	Life Companies			Property and Liability Companies			Miscellaneous		
Year	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
1960	16	188	204	46	436	482	162	54	216
1965	29	268	297	46	444	490	159	61	220
1970	29	334	363	41	430	471	153	66	219
1975	28	384	412	42	475	517	153	68	221
1976	34	389	423	44	478	522	153	68	221
1977	33	398	431	46	477	523	154	69	223
1978	32	414	446	46	488	534	154	70	224
1979	35	435	470	48	503	551	154	68	222
1980	35	451	486	49	528	577	154	70	224
1981	37	473	510	50	545	595	154	71	225
1982	36	509	545	50	567	617	153	73	226
1983	38	517	555	58	595	653	153	74	227
1984	36	539	575	60	600	660	152	76	228
1985	34	542	576	59	596	655	158	76	234
1986	34	569	603	58	608	666	159	82	241
1987	33	585	618	59	629	688	163	81	244
1988	36	596	632	59	657	716	155	82	237
1989	38	607	645	60	656	716	150	81	231
1990	36	607	643	56	628	684	147	80	227

Source: Insurance Division of Iowa reports.

Insurance Premiums Written in Iowa by Class of Insurer

In Thousands

Year	Life Companies	Property and Liability Companies	Hospital and Medical Service Organizations	Fraternals	All Others*	Total
1960	$204,226	$210,573	$34,525	$7,054	$15,757	$472,135
1965	321,644	251,676	50,013	9,133	20,614	653,080
1970	474,570	385,706	100,565	12,526	29,088	1,002,455
1975	665,650	652,630	207,245	18,672	47,413	1,591,610
1976	787,398	786,890	253,993	22,256	57,385	1,907,922
1977	834,292	947,603	305,794	24,546	64,573	2,176,808
1978	892,498	1,083,894	350,147	27,183	73,373	2,427,095
1979	966,509	1,192,011	384,345	30,127	83,906	2,656,898
1980	1,054,155	1,368,433	430,443	31,206	84,329	2,968,566
1981	1,143,336	1,271,699	484,554	41,293	91,404	3,032,286
1982	1,260,156	1,263,617	550,318	47,916	93,589	3,215,596
1983	1,416,573	1,257,715	587,805	51,186	92,084	3,405,363
1984	1,495,953	1,313,335	590,403	59,803	98,266	3,557,760
1985	1,576,080	1,544,014	596,567	65,229	82,995	3,864,885
1986	1,678,700	1,710,067	618,780	80,794	90,945	4,179,286
1987	1,856,202	1,811,637	647,915	100,129	162,077	4,577,960
1988	2,123,216	1,860,882	738,342	106,913	260,642	5,089,996
1989	1,968,577	2,027,850	828,095	100,994	261,374	5,186,890
1990	2,178,269	2,092,418	972,373	110,730	284,279	5,638,069

** All others includes county mutuals, state mutuals, reciprocal exchanges, mortgage guaranty insurers, and health maintenance organizations.*
Premiums written in Iowa by risk retention groups was not available. HMO subscriptions are included for the years 1987, 1988, and 1989 only. Complete information on subscriptions written in Iowa by HMOs are not available for years prior to 1987. Moreover, the basis on which HMO subscriptions are reported in Iowa has changed, making it difficult to draw comparisons with prior years.

Source: Insurance Division of Iowa reports.

Average Amount of Life Insurance in Force per Family

Year	Amount in Iowa	Amount in U.S.
1965	$14,960	$15,700
1970	21,780	22,100
1975	31,130	30,100
1976	34,430	32,200
1977	37,510	34,800
1978	40,150	37,800
1979	44,200	41,700
1980	48,620	43,800
1981	52,690	49,300
1982	56,540	53,600
1983	63,250	59,200
1984	67,430	64,500
1985	68,970	69,000
1986	75,680	76,000
1987	80,200	82,800
1988	85,500	87,600
1989	90,400	93,600
1990	96,100	98,400

Source: Life Insurance Fact Book, New York Institute of Life Insurance.

RETAIL-WHOLESALE TRADE

RETAIL TRADE: Establishments, Employees, and Payroll, 1991

SIC Code	Industry*	Total Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	RETAIL TRADE TOTAL	**20,088**	**238,660**	**2,444,527**
52	Building materials and garden supplies	1,255	9,834	151,905
521	Lumber and other building materials	520	5,456	98,821
525	Hardware Stores	377	2,443	22,761
526	Retail nurseries and garden stores	169	1,021	14,444
53	General merchandise stores	602	20,846	256,062
531	Department stores	158	20,252	198,698
54	Food stores	2,046	42,669	405,466
541	Grocery stores	1,580	39,667	382,659
542	Meat and Fish markets	103	564	5,938
544	Candy, nut, and confectionery stores	53	223	1,756
545	Dairy products stores	53	188	919
546	Retail bakeries	158	1,481	10,254
55	Automotive dealers and service stations	3,245	28,622	461,811
551	New and used car dealers	540	11,541	257,566
552	Used car dealers	157	557	7,792
553	Auto and home supply stores	528	3,142	51,112
554	Gasoline service stations	1,766	11,920	119,730
555	Boat dealers	52	227	4,192
556	Recreational vehicle dealers	42	257	5,940
557	Motorcycle dealers	56	311	5,082
56	Apparel and accessory stores	1,799	11,615	95,264
56	Men's and boys' clothing and furnishings	200	1,183	13,035
562	Women's ready-to-wear stores	712	5,098	36,886
563	Women's accessory and specialty stores	70	306	2,558
564	Children's and infants' wear stores	60	258	1,414
565	Family clothing stores	192	2,010	17,188
566	Shoe stores	402	1,995	17,396
57	Furniture and home furnishings stores	1,281	7,777	111,587
571	Furniture and home furnishings stores	654	4,180	60,974
5712	Furniture stores	368	2,736	40,064
5713	Floor covering stores	154	836	14,678
5714	Drapery and upholstery stores	39	101	1,039
5719	Misc. home furnishings stores	87	488	4,925
572	Household appliance stores	208	976	12,736
573	Radio, television, and electronic stores	401	2,538	36,910
5731	Radio, TV, and electronics stores	212	1,197	18,471
5734	Computer and software stores	55	391	8,335
5735	Record and prerecorded tape stores	69	459	3,320
5736	Musical instrument stores	53	404	5,878
58	Eating and drinking places	5,642	75,794	458,817
5812	Eating places	3,534	65,554	387,821
5813	Drinking places	1,008	4,531	24,602
591	Drug stores and proprietary stores	652	7,216	92,497
592	Liquor stores	124	632	4,422
5941	Sporting goods and bicycle shops	254	1,412	14,804
5942	Book stores	126	823	7,142
5943	Stationery stores	33	265	3,270
5944	Jewelry stores	281	1,741	21,673
5945	Hobby, toy, and game shops	139	822	6,000
5946	Camera and photographic supply stores	36	289	3,857
5947	Gift, novelty, and souvenir shops	379	1,978	12,914
5948	Luggage and leather goods stores	14	63	551
5949	Sewing, needlework and piece goods	145	918	5,126
598	Fuel dealers	182	993	17,416
5992	Florists	382	1,843	14,036
5994	News dealers and newsstands	23	146	755

** Not all industry classifications are shown.*

Source: County Business Patterns, 1991, U.S. Department of Commerce, Bureau of the Census

Retail Sales by Group for Iowa Counties and MSA's, 1991

County	Total Retail Sales ($000)	Food ($000)	Eating & Drinking Places ($000)	General Mdse. ($000)	Furniture/ Furnish/ Appliance ($000)	Auto-motive ($000)	Drug ($000)
Adair	$34,630	$10,589	$3,971	$1,607	$213	$4,896	$1,600
Adams	17,263	2,933	1,142	114	364	3,998	148
Allamakee	79,950	22,057	6,135	3,328	1,442	20,046	2,048
Appanoose	82,246	26,889	4,593	8,456	1,717	17,897	1,934
Audubon	37,967	7,018	2,140	269	1,469	17,571	269
Benton	90,975	20,186	5,885	2,682	2,507	23,551	2,604
Black Hawk	978,188	169,747	87,352	175,276	22,534	273,017	39,355
Boone	133,152	35,817	10,574	6,013	4,690	39,108	5,287
Bremer	115,932	25,044	9,638	13,165	2,753	26,965	4,352
Buchanan	102,948	17,505	5,953	13,199	883	27,129	-3,217
Buena Vista	135,047	31,702	12,201	15,362	3,305	24,137	4,164
Butler	46,354	6,965	3,146	1,954	692	8,114	2,058
Calhoun	46,449	9,176	2,370	1,446	1,099	22,245	1,629
Carroll	158,421	44,055	8,584	14,255	5,130	41,069	3,463
Cass	114,461	18,737	9,025	12,783	2,206	29,367	6,273
Cedar	93,485	24,446	4,584	9,046	1,546	27,638	1,138
Cerro Gordo	467,304	91,732	40,308	93,951	10,741	90,156	9,261
Cherokee	93,489	21,593	6,582	10,244	2,329	24,149	4,150
Chickasaw	56,527	17,313	5,446	1,564	1,474	15,915	2,080
Clarke	57,788	15,321	2,975	5,450	689	10,277	831
Clay	134,844	28,840	7,409	21,091	5,116	35,231	4,167
Clayton	84,110	12,699	5,306	841	912	35,755	2,857
Clinton	354,298	77,368	31,794	43,409	11,801	101,856	17,419
Crawford	86,563	14,420	9,240	3,516	803	17,613	4,093
Dallas	143,298	36,967	7,084	9,807	3,580	45,214	3,564
Davis	29,805	6,699	1,545	381	359	11,882	1,428
Decatur	24,992	6,704	1,637	202	761	2,750	1,314
Delaware	72,534	15,988	7,003	7,038	1,058	19,307	3,137
Des Moines	351,616	73,294	37,445	76,710	11,334	56,617	13,450
Dickinson	130,035	28,673	13,256	7,186	2,285	42,485	3,243
Dubuque	725,848	138,483	71,624	141,258	24,991	158,645	31,469
Emmet	66,027	16,829	4,889	5,640	1,159	18,932	2,735
Fayette	126,402	35,059	6,411	10,419	3,032	35,944	4,664
Floyd	87,890	21,910	7,583	12,123	1,665	18,681	2,436
Franklin	36,851	6,864	2,931	1,945	749	4,630	1,866
Fremont	25,988	14,972	988	93	111	559	1,640
Greene	58,288	13,769	2,068	2,394	230	28,903	1,705
Grundy	37,093	10,233	3,390		1,459	9,747	1,957
Guthrie	35,840	5,242	3,661	598	874	5,696	2,078
Hamilton	92,629	20,953	5,485	7,227	1,677	21,424	3,369
Hancock	40,513	10,382	3,213	348	2,111	9,692	2,291
Hardin	107,188	29,900	7,549	11,351	885	27,826	3,740
Harrison	87,301	7,525	5,003	199	845	41,440	2,777
Henry	108,507	24,731	9,246	15,977	2,057	29,967	4,226
Howard	39,475	13,625	3,267	2,506	153	6,224	37
Humbolt	53,034	18,270	4,542	6,965	854	8,178	3,507
Ida	47,078	10,228	2,467	4,008	143	13,690	2,406
Iowa	108,152	23,342	20,199	1,761	5,775	12,686	2,004
Jackson	112,201	30,569	9,290	6,534	1,329	35,798	4,217
Jasper	199,897	48,392	15,687	18,293	3,803	48,920	7,759
Jefferson	109,507	25,831	6,075	19,426	2,796	26,008	1,621
Johnson	725,655	174,130	88,389	95,921	35,698	124,553	30,266
Jones	84,779	17,856	4,302	13,343	1,975	20,348	2,046
Keokuk	46,366	7,712	3,054	1,177	397	15,456	1,368
Kossuth	98,470	23,076	9,861	8,057	1,529	28,755	3,128
Lee	272,033	72,843	19,179	36,159	7,561	77,638	11,344
Linn	1,497,443	265,232	154,684	249,315	59,991	346,341	55,157
Louisa	37,305	6,605	2,797	688	1,000	11,714	1,182
Lucas	33,794	15,025	3,659	1,135	491	4,522	1,456
Lyon	38,493	6,422	3,273	548	2,272	10,201	837

Retail Sales by Store Group for Iowa Counties & MSA's, 1991 (cont'd)

County	Total Retail Sales ($000)	Food ($000)	Eating & Drinking Places ($000)	General Mdse. ($000)	Furniture/ Furnish/ Appliance ($000)	Auto-motive ($000)	Drug ($000)
Marshall	265,900	61,391	23,887	46,838	9,438	48,461	12,021
Mills	52,270	14,888	4,205	200	201	12,649	1,823
Mitchell	48,207	12,230	5,398	725	1,535	14,154	1,635
Monona	50,297	9,477	4,026	813	862	16,319	4,812
Monroe	34,807	10,280	1,047	1,791	168	13,064	1,748
Montgomery	68,487	19,350	4,869	10,785	371	13,833	3,888
Muscatine	255,734	55,214	24,149	36,630	6,484	70,187	10,895
O'Brien	107,666	24,572	7,796	3,407	1,481	29,706	5,602
Osceola	22,704	4,796	1,484	1,231	686	5,758	1,600
Page	114,897	17,894	7,248	15,700	1,984	31,035	4,475
Palo Alto	51,027	18,149	2,805	1,778	569	9,534	2,537
Plymouth	144,237	28,868	14,521	11,258	1,939	44,314	3,536
Pocahontas	59,805	42,367	2,924	1,879	1,082	4,256	1,005
Polk	3,274,374	668,322	327,853	469,909	137,173	682,007	113,857
Pottawattamie	631,657	82,381	54,590	67,048	8,126	238,241	31,161
Poweshiek	109,689	26,773	6,606	15,894	2,302	30,663	3,049
Ringgold	28,726	4,120	1,658	264	435	8,210	160
Sac	53,942	18,255	4,539	658	1,657	12,301	1250
Scott	1,367,374	258,422	128,845	195,518	54,723	305,345	54,902
Shelby	65,004	17,173	5,742	5,510	542	10,619	3,137
Sioux	128,975	31,625	10,745	4,254	3,961	36,253	4,640
Story	528,704	101,992	63,907	83,638	15,511	121,119	13,292
Tama	66,562	15,478	5,343	5,808	1,021	12,415	2,190
Taylor	19,069	6,495	2,042	87	322	3,015	144
Union	77,838	20,652	12,363	10,987	1,662	14,802	958
Van Buren	19,400	6,860	1,328	482	335	926	1,101
Wapello	237,189	52,644	18,384	34,208	6,242	33,132	8,210
Warren	194,096	47,256	8,684	5,045	766	90,416	4,182
Washington	117,423	33,196	6,959	8,624	2,793	28,3[illegible]	3,457
Wayne	25,548	9,964	1,087	123	80	2,762	235
Webster	321,908	55,763	24,658	77,193	10,677	55,731	10,453
Winnebago	61,693	14,210	3,942	5,045	1,478	14,942	3,403
Winneshiek	122,128	30,069	10,234	22,531	3,958	19,299	1,745
Woodbury	842,961	175,676	78,441	149,016	23,914	145,428	25,147
Worth	19,717	4,436	2,333		416	3,832	141
Wright	68,933	19,724	5,515	3,170	1,418	17,812	2,983
IOWA MSA'S							
Cedar Rapids, MSA	1,497,443	265,232	154,684	249,315	59,991	346,341	55,157
Davenport-Rock Island-Moline, MSA	2,812,347	525,941	291,969	388,849	112,373	599,902	143,826
Des Moines, MSA	3,611,768	752,545	343,621	484,761	141,519	817,637	121,603
Dubuque, MSA	725,848	138,483	71,624	141,258	24,991	158,645	31,469
Iowa City, MSA	725,655	174,130	88,389	95,921	35,698	124,553	30,266
Sioux City, MSA	910,208	196,185	90,289	149,991	27,001	158,815	27,752
Waterloo-Cedar Falls, MSA	1,094,120	194,791	96,990	188,441	25,287	299,982	43,707
Total Metro Counties	10,496,826	2,041,660	1,017,184	1,571,278	374,249	2,436,172	393,412
Total State	19,511,756	4,145,952	1,762,415	2,572,930	587,218	4,581,874	704,883

Source: 1992 Survey of Buying Power, Sales and Marketing Management.

WHOLESALE TRADE: Establishments, Employees, & Payroll, 1991

SIC Code	Industry*	Total Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	WHOLESALE TRADE TOTAL	**6,780**	**72,668**	**1,683,318**
50	Wholesale trade-durable goods	3,358	34,039	816,109
501	Motor vehicles, parts, and supplies	644	5,946	123,743
5012	Automobiles and other motor vehicles	90	1,730	42,626
5013	Motor vehicle supplies and new parts	420	3,208	60,815
5014	Tires and tubes	49	479	10,978
502	Furniture and home furnishings	69	867	20,157
5021	Furniture	35	494	12,548
5023	Home furnishings	30	361	7,453
503	Lumber and construction materials	183	2,369	59,957
5031	Lumber, plywood, and millwork	71	941	24,874
5039	Construction materials, n.e.c.	40	565	13,378
504	Professional and commercial equipment	434	5,167	140,398
5043	Photographic equipment and supplies	11	152	3,665
505	Metals and minerals, except petroleum	71	930	25,240
5051	Metals service centers and offices	63	878	23,973
506	Electrical goods	275	2,974	75,134
5063	Electrical apparatus and equipment	137	1,439	41,027
5064	Electrical appliances, television and radio	34	327	7,541
5065	Electronic parts and equipment	100	1,180	25,905
507	Hardware, plumbing and heating equipment	241	2,340	59,545
5072	Hardware	70	687	16,418
5074	Plumbing and hydronic heating supplies	99	932	22,691
5075	Warm air heating and air conditioning	44	327	8,671
5078	Refrigeration equipment and supplies	22	361	10,657
508	Machinery, equipment, and supplies	1,103	10,966	261,839
5082	Construction and mining machinery	54	843	24,945
5083	Farm and garden machinery	560	5,445	115,971
5084	Industrial machinery and equipment	221	2,037	52,749
5085	Industrial supplies	141	1,502	39,558
5087	Service establishment equipment	74	687	16,244
5088	Transportation equipment and supplies	12	152	4,223
509	Miscellaneous durable goods	272	2,173	43,227
5091	Sporting and recreational goods	45	629	12,437
5092	Toys and hobby goods and supplies	20	111	1,377
5093	Scrap and waste materials	138	1,060	22,232
5094	Jewelry and precious stones	22	83	1,131
5099	Durable goods, n.e.c.	47	290	6,050
51	Wholesale trade-non-durable goods	3,353	36,758	803,952
511	Paper and paper products	140	1,854	42,870
5111	Printing and writing paper	22	344	10,585
5112	Stationery and office supplies	87	1,130	23,289
5113	Industrial and personal service paper	26	346	8,248
512	Drugs, proprietaries, and sundries	38	732	28,415
513	Apparel, piece goods, and notions	33	296	5,361
5136	Men's and boys' clothing	3	(B)	(D)
5137	Women's and children's clothing	8	(B)	(D)
5139	Footwear	3	(A)	(D)
514	Groceries and related products	363	8,948	212,908
5141	Groceries, general line	31	2,339	65,085
5147	Meats and meat products	79	2,099	49,071
5148	Fresh fruits and vegetables	23	326	10,710
5149	Groceries and related products, n.e.c.	111	2,382	53,282
515	Farm-product raw materials	1,014	9,223	179,702
5153	Grain and field beans	771	7,120	157,178
5154	Livestock	205	1,821	17,947
516	Chemicals and allied products	109	888	27,526
517	Petroleum and petroleum products	367	2,579	45,348
518	Beer, wine, and distilled beverages	91	1,385	35,359
519	Miscellaneous nondurable goods	1,193	10,838	226,018
5191	Farm supplies	961	7,683	167,461
5194	Tobacco and tobacco products	20	565	15,226
5198	Paints, varnishes, and supplies	22	168	2,549

**Not all industry classifications are shown.*

(A): 0 to 19, (B): 20 to 99, (D): Withheld to avoid disclosing data for individual companies.

Source: County Business Patterns, 1990, U.S. Department of Commerce, Bureau of the Census.

SERVICE INDUSTRY

SERVICE INDUSTRIES: Establishments, Employees, & Payroll, 1991

SIC Code	Industry*	Total Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	SERVICES TOTAL	**23,859**	**300,812**	**4,635,270**
70	Hotels and other lodging places	664	11,813	98,055
72	Personal services	2,599	13,484	143,312
721	Laundry, cleaning, and garment services	469	3,984	44,598
722	Photographic studios, portrait	180	991	9,416
723	Beauty shops	1,208	4,617	46,169
724	Barber shops	58	186	2,026
725	Shoe repair and shoeshine parlors	23	39	493
726	Funeral service and crematories	359	1,486	27,509
73	Business services	2,300	37,929	542,459
731	Advertising	151	2,197	42,166
733	Mailing, reproduction, stenographic	176	2,875	43,055
734	Services to buildings	552	6,661	60,500
735	Misc. equipment rental and leasing	172	1,108	23,194
736	Personnel supply services	166	6,188	77,175
7361	Employment agencies	75	887	13,186
7363	Help supply services	90	5,232	63,559
737	Computer and data processing services	268	6,302	152,361
7372	Prepackaged software	21	359	14,995
7374	Data processing and preparation	56	4,381	94,415
738	Miscellaneous business services	543	10,756	115,152
7381	Detective and armored car services	73	2,679	21,024
7384	Photofinishing laboratories	42	459	7,716
75	Auto repair, services, and parking	1,919	8,874	140,244
751	Automotive rentals, without drivers	127	1,281	28,816
752	Automobile parking	28	158	1,799
753	Automotive repair shops	1,448	5,677	91,323
7532	Top and body repair and paint shops	476	1,816	30,769
7534	Tire retreading and repair shops	22	130	2,553
7538	General automotive repair shops	696	2,552	36,093
7539	Automotive repair shops, n.e.c.	112	385	5,412
754	Automotive services, except repair	234	1,614	15,762
7542	Car washes	155	1,132	9,198
76	Miscellaneous repair services	886	3,933	69,422
762	Electrical repair shops	180	1,112	22,713
7622	Radio and television repair	48	175	2,931
7623	Refrigeration service and repair	23	353	7,028
7629	Electrical repair shops, n.e.c.	104	573	12,598
763	Watch, clock, and jewelry repair	12	32	532
764	Reupholstery and furniture repair	75	201	1,983
78	Motion pictures	322	2,414	18,994
783	Motion picture theaters	125	1,259	6,369

SERVICE INDUSTRIES: Establishments, Employees, & Payroll, 1991 (cont'd)

SIC Code	Industry*	Total Number of Establishments	Number of Employees	Annual Payroll ($1,000)
79	Amusement and recreation services	1,124	10,754	116,644
793	Bowling centers	178	1,927	11,174
799	Miscellaneous amusement, recreational services	712	5,940	80,955
7992	Public golf courses	55	347	3,967
7993	Coin-operated amusement devices	45	252	4,710
7996	Amusement parks	9	74	3,662
802	Offices of dentists	1,138	5,544	108,226
803	Offices of osteopathic physicians	168	856	28,095
804	Offices of health practitioners	856	3,270	53,798
8041	Offices of chiropractors	404	1,201	15,297
8042	Offices of optometrists	254	1,153	19,513
8049	Offices of health practitioners n.e.c.	112	622	13,353
805	Nursing and personal care facilities	463	33,592	353,535
806	Hospitals	76	49,997	951,396
807	Medical and dental laboratories	122	1,408	31,084
8071	Medical laboratories	50	963	22.068
8072	Dental laboratories	69	437	8,705
808	Home health care services	77	2,389	32,574
809	Health and allied services, n.e.c.	167	2,892	50,681
81	Legal Services	1,438	6,710	165,208
82	Educational services	372	24,034	285,357
821	Elementary and secondary schools	200	5,425	58,492
822	Colleges and universities	54	16,971	210,997
823	Libraries	14	34	110
824	Vocational schools	22	468	7,019
829	Schools and educational services, n.e.c.	66	1,110	7,472
83	Social services	1,966	27,111	263,655
86	Membership organizations	4,138	24,787	214,148
861	Business associations	240	1,518	32,172
862	Professional organizations	71	270	5,451
863	Labor organizations	291	2,042	17,552
864	Civic and social associatons	621	4,854	34,880
865	Political organizatons	18	105	1,544
866	Religious organizations	2,658	13,913	94,994
87	Engineering and management services	1,487	13,501	320,989
871	Engineering and architectural services	340	3,511	108,538
872	Accounting, auditing, and bookkeeping	659	4,455	93,718
873	Research and testing services	94	1,581	25,369
874	Management and public relations	394	3,954	93,364
89	Services, n.e.c.	103	692	16,110

**Not all industry classifications are shown.*

Source: County Business Patterns, 1991, U.S. Department of Commerce, Bureau of the Census

WORKFORCE

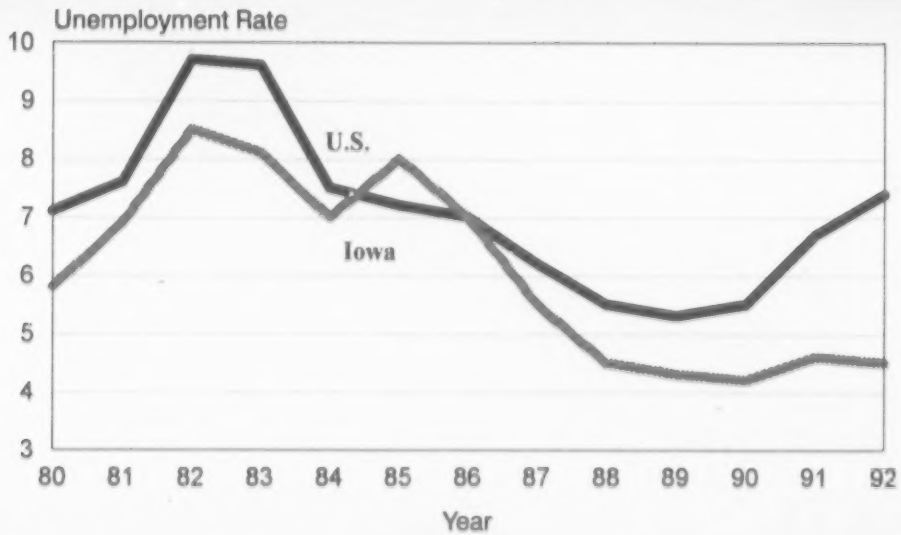
A mood of optimism was perceptible in most areas of Iowa as the '80s drew to a close. The state's labor force, employment, and non-farm employment levels climbed to record highs in 1992, and unemployment dropped to the lowest level reported for the decade. There was also evidence that some valuable lessons had been learned from the events of the past ten years. Both educators and program planners have recognized the need to adapt workers to ongoing change in the job market. Additionally, many communities across Iowa have formulated plans for future economic growth and for diversification of their respective industrial bases.

Employment and Unemployment, Iowa and U.S., 1980-1992

	Iowa				
Year	Total Labor Force	Total Employment	Number Unemployed	Unemployment Rate	U.S. Unemployment Rate
1980	1,432,000	1,350,000	82,000	5.8%	7.1%
1981	1,426,000	1,328,000	99,000	6.9%	7.6%
1982	1,417,000	1,296,000	121,000	8.5%	9.7%
1983	1,420,000	1,305,000	115,000	8.1%	9.6%
1984	1,411,000	1,312,000	99,000	7.0%	7.5%
1985	1,413,000	1,300,000	112,000	8.0%	7.2%
1986	1,438,000	1,338,000	101,000	7.0%	7.0%
1987	1,448,000	1,369,000	80,000	5.5%	6.2%
1988	1,500,000	1,433,000	67,000	4.5%	5.5%
1989	1,513,000	1,448,000	65,000	4.3%	5.3%
1990	1,496,000	1,433,000	63,000	4.2%	5.5%
1991	1,517,000	1,447,000	70,000	4.6%	6.7%
1992	1,541,400	1,472,800	68,600	4.5%	7.4%

Source: Iowa Department of Employment Services.

Iowa vs. U.S. Unemployment Rates, 1980-1992



Source: U.S. Department of Labor

New Jobs Created in Iowa, by Industry, 1985-1992

Industry	1985	1986	1987	1988	1989	1990	1991	1992
Agriculture	662	427	730	1,111	1,820	1,339	764	901
Mining	32	36	133	57	116	210	276	252
Construction	4,192	3,466	5,104	7,636	7,687	8,305	6,735	6,382
Manufacturing	3,408	5,455	5,772	6,086	6,888	5,310	4,030	5,648
Transportation and Utilities	2,560	1,943	2,522	2,777	2,661	2,388	1,689	2,256
Trade	15,694	16,088	16,644	25,127	28,654	20,722	20,494	18,460
Finance	1,093	1,211	1,180	1,280	1,782	1,723	1,469	2,308
Services	8,380	9,392	11,640	14,937	14,270	18,239	15,751	15,672
Public Administration	307	439	159	723	413	474	198	1,058
Total	36,328	38,457	43,884	59,734	64,291	58,710	51,406	52,937

Source: Iowa Department of Employee Services.

Midwest Employment Climate, 1990-1992

	Civilian Labor Force		Percent of Labor Force Unemployed		Annual Average Non-Agricultural Employment			Annual Average Manufacturing Employment			Average Hourly Manufacturing Earnings($)			Average Weekly Manufacturing Hours		
State	1991	1992	1991	1992	1990	1991	1992	1990	1991	1992	1990	1991	1992	1990	1991	1992
IOWA	1,516.0	1,551.0	4.6	4.6	1,226.3	1,238.1	1,251.3	236.4	232.5	229.9	11.27	11.62	11.93	40.5	40.5	41.3
Illinois	6,029.0	6,120.0	7.1	7.5	5,288.3	5,231.5	5,204.8	982.7	940.8	921.5	11.44	11.68	11.85	41.4	41.2	41.0
Indiana	2,798.0	2,849.0	5.9	6.5	2,521.9	2,507.3	2,537.8	638.0	618.7	626.5	12.03	12.43	12.82	41.3	41.2	41.9
Kansas	1,295.0	1,330.0	4.4	4.2	1,088.5	1,095.4	1,115.1	186.0	183.9	181.8	10.94	11.24	11.61	40.3	40.3	40.9
Michigan	4,543.0	4,610.0	9.2	8.8	3,969.6	3,891.1	3,916.7	943.6	896.7	896.5	13.86	14.52	14.81	41.8	41.5	41.8
Minnesota	2,431.0	2,431.0	5.1	5.1	2,129.5	2,136.8	2,185.9	400.8	395.2	395.8	11.23	11.52	11.92	40.3	40.4	40.8
Missouri	2,689.0	2,696.0	6.6	5.7	2,345.0	2,309.1	2,319.7	438.1	415.6	410.3	10.74	10.86	11.23	40.7	40.4	40.6
Nebraska	857.0	856.0	2.7	3.0	730.1	739.2	746.9	97.8	99.6	100.4	9.66	9.84	10.22	40.8	40.4	41.0
North Dakota	317.0	314.0	4.1	4.9	265.9	270.6	277.2	17.4	17.9	18.3	9.27	9.25	9.61	39.8	39.8	40.4
Ohio	5,440.0	5,489.0	6.4	7.2	4,882.4	4,818.6	4,842.4	1,112.2	1,066.9	1,050.6	12.64	13.12	13.53	42.4	42.2	42.3
South Dakota	361.0	361.0	3.4	3.1	288.7	296.4	307.0	34.4	35.0	36.9	8.48	8.79	8.84	40.6	41.2	41.2
Wisconsin	2,592.0	2,661.0	5.4	5.1	2,291.5	2,302.0	2,349.2	558.6	546.2	546.1	11.11	11.47	11.86	41.4	41.4	41.8
U.S. Total	125,303.0	126,982.0	6.7	7.4	109,782.0	108,310.0	108,437.0	19,117.0	18,455.0	18,190.0	10.83	11.18	11.45	40.8	40.7	41.0

Source: Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May 1993.

Metropolitan Workforce, 1990-1992

	Civilian Labor Force (000)s		Percent of Labor Force Unemployed		Annual Average Non-Agric. Employment			Annual Average Manuf. Employment			Average Hourly Manufacturing Earnings($)			Average Weekly Manuf. Hours		
Area	1991	1992	1991	1992	1990	1991	1992	1990	1991	1992	1989	1990	1991	1989	1990	1991
IOWA	1,516.0	1,551.0	4.6	4.6	1,226.3	1,238.1	1,251.3	236.4	232.5	229.9	10.82	11.27	11.64	40.8	40.5	40.5
Cedar Rapids	97.2	99.1	5.0	4.6	94.2	94.3	95.8	22.0	21.4	20.8	12.50	13.64	14.15	39.5	39.3	39.4
Des Moines	240.9	248.4	3.8	3.9	232.9	236.2	240.7	26.6	25.7	24.7	12.10	12.32	12.64	41.9	40.3	41.6
Dubuque	45.7	46.6	6.1	5.6	44.8	45.7	46.5	12.3	12.2	12.2	11.52	12.02	12.08	39.9	40.7	40.8
Iowa City	63.1	63.9	1.8	2.0	56.1	56.9	57.6	4.6	4.6	4.5	N/A	N/A	N/A	N/A	N/A	N/A
Quad Cities	184.1	188.4	6.4	7.2	162.8	163	165.3	31.1	28.2	27.5	13.38	14.3	13.93	41.2	40.7	40.7
Sioux City	63.0	63.7	4.4	4.1	55.8	57.3	57.8	11.0	11.3	11.4	8.60	8.91	9.34	40.5	41.0	39.4
Waterloo-Cedar Falls	74.4	76.5	5.5	5.7	70.0	71.3	72.4	16.3	16.4	16.0	N/A	N/A	N/A	N/A	N/A	N/A

Source: Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May 1993.
Illinois Department of Employment Security, Economic Information and Analysis (Quad Cities)

Iowa Employment by Industry, Annual Averages (numbers in 000's)

INDUSTRY	1965	1970	1975	1980	1985	1990	1991	1992
Total Nonagriculture	754.6	882.8	993.1	1,109.9	1,075.2	1,226.3	1,236.5	1,243.2
Manufacturing	192.4	215.5	229.6	244.8	204.9	236.4	232.3	229.5
Durable Goods	107.8	122.8	140.2	150.0	117.7	132.7	128.8	127.3
Primary Metals	8.0	8.5	7.6	8.5	7.4	7.9	7.8	7.6
Fabricated Metals	11.0	13.1	16.1	19.3	15.5	18.0	17.3	17.0
Machinery	41.3	44.6	58.9	64.9	42.6	43.3	41.0	38.9
Farm Machinery	26.2	24.0	27.6	26.9	15.1	15.5	14.7	14.0
Const. Equipment	6.1	9.0	18.5	2..1	12.4	10.7	10.1	9.4
Electrical Equipment	22.7	23.7	24.5	25.4	20.2	15.9	16.2	16.2
Transp. Equipment	2.7	5.6	7.9	7.4	9.1	11.3	10.8	11.1
Non-Durables	84.6	92.7	89.3	94.8	87.1	103.7	103.5	102.2
Food Products	51.5	54.4	47.7	48.5	41.0	48.5	49.4	49.4
Meat	25.6	28.2	23.3	24.9	19.8	25.6	26.2	26.0
Grain	9.4	10.9	11.1	11.3	9.1	10.1	10.1	10.1
Bakery	3.8	3.3	2.9	2.4	2.2	2.8	2.8	2.8
Apparel	3.9	4.0	3.8	4.1	4.5	5.0	5.1	5.2
Paper	2.9	3.6	3.7	4.2	4.1	5.4	5.5	5.5
Printing & Publishing	12.3	13.6	15.0	17.8	18.4	22.1	20.9	19.5
Newspapers	6.2	6.6	6.5	7.4	7.2	6.8	6.8	6.7
Chemicals	6.1	7.5	7.2	7.7	6.5	6.7	7.0	7.1
Rubber & Plastics	6.6	7.8	9.5	10.3	11.0	14.2	13.9	13.7
Nonmanufacturing	562.2	667.3	768.3	865.1	869.9	989.8	1,004.2	1,013.7
Mining	3.3	3.0	2.8	2.2	2.1	2.0	2.1	2.2
Construction	37.4	40.6	49.8	50.9	36.3	44.7	45.6	44.7
Transp, Comm & Pub Util	49.6	51.1	53.3	56.3	51.4	56.3	55.2	54.8
Wholesale & Retail Trade	185.6	209.2	250.8	280.7	277.6	309.7	312.4	315.6
Wholesale Trade	43.8	44.1	67.8	76.7	74.2	76.6	77.8	78.7
Retail Trade	141.8	165.2	183.0	203.9	204.7	233.1	234.6	236.9
Fin, Insur & Real Estate	35.8	41.0	48.3	58.4	63.0	69.7	71.8	73.5
Banking	11.0	13.2	15.8	18.1	18.6	23.3	23.5	23.6
Insurance	14.9	16.6	19.3	23.5	26.1	30.9	32.0	32.8
Services	111.9	146.7	171.5	209.3	231.4	288.6	296.8	301.9
Medical	34.1	44.3	60.2	77.1	79.8	96.3	99.7	102.5
Government	138.5	175.7	192.0	207.4	208.7	219.0	220.3	221.1

Source: Iowa Department of Employment Services

Average Hours and Earnings* by Industry, Iowa and U.S., 1989-1992

	1992						1991					
	AWE		AWH		AHE		AWE		AWH		AHE	
INDUSTRY	IOWA	U.S.	IOWA	U.S.	IOWA	U.S.	IOWA	U.S.	IOWA	U.S.	IOWA	U.S.
Total Private	323.95	364.30	33.5	34.4	9.67	10.59	312.02	354.32	33.3	34.3	9.37	10.33
Mining	479.18	638.44	48.5	44.0	9.88	14.51	466.45	629.59	47.5	44.4	9.82	14.18
Construction	507.08	535.80	39.4	38.0	12.87	14.1	500.80	533.02	40.0	38.1	12.52	13.99
Manufacturing	492.71	469.45	41.3	41.0	11.93	11.45	470.61	455.03	40.5	40.7	11.62	11.18
Transportation & Public Utilities	489.56	523.41	38.7	38.8	12.65	13.49	473.43	512.39	36.9	38.7	12.83	13.24
Trade	230.79	N/A	29.4	N/A	7.85	N/A	223.02	N/A	29.5	N/A	7.56	N/A
Finance, Insurance, Real Estate	346.44	387.36	35.9	35.8	9.65	10.82	336.24	371.28	36.0	35.7	9.34	10.40
Services	258.80	342.55	30.7	32.5	8.43	10.54	243.88	331.13	30.6	32.4	7.97	10.22
	1990						1989					
	AWE		AWH		AHE		AWE		AWH		AHE	
INDUSTRY	IOWA	U.S.	IOWA	U.S.	IOWA	U.S.	IOWA	U.S.	IOWA	U.S.	IOWA	U.S.
Total Private	300.70	345.35	33.3	34.5	9.03	10.01	290.49	334.24	33.7	34.6	8.62	9.66
Mining	451.72	603.29	47.6	44.1	9.49	13.68	428.27	570.18	46.5	43.0	9.21	13.26
Construction	485.56	526.01	39.8	38.2	12.20	13.77	480.76	513.17	40.4	37.9	11.90	13.54
Manufacturing	456.44	441.86	40.5	40.8	11.27	10.83	441.86	429.68	40.8	41.0	10.82	10.48
Transportation & Public Utilities	462.42	504.53	36.7	38.9	12.60	12.97	442.24	490.14	36.7	38.9	12.05	12.60
Trade	210.21	N/A	29.4	N/A	7.15	N/A	200.77	N/A	29.7	N/A	6.76	N/A
Finance, Insurance, Real Estate	321.62	356.93	36.3	35.8	8.86	9.97	309.28	341.17	36.3	35.8	8.52	9.53
Services	232.41	319.48	30.5	32.5	7.62	9.83	224.44	305.79	31.0	32.6	7.24	9.38

** Data relate to production workers in mining and manufacturing, construction workers in construction, and nonsupervisory in transportation and public utilities; wholesale and retail trade, finance, insurance, and real estate, and services.*

NOTE: AWE = Average Weekly Earnings
AWH = Average Weekly Hours
AHE = Average Hourly Earnings

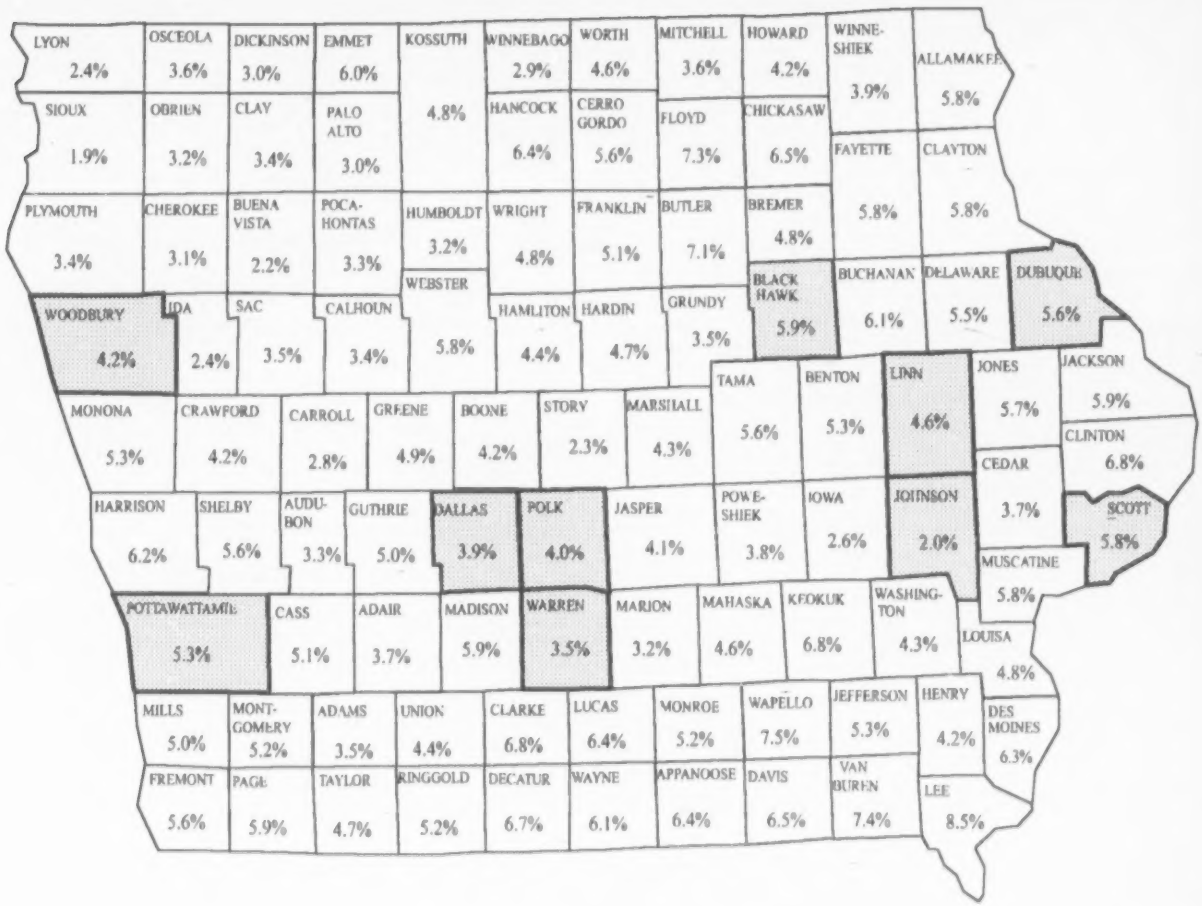
Source: "Employment and Earnings," U.S. Department of Labor, Bureau of Labor Statistics, May 1992. "Current Employment Statistics", U.S. Department of Labor, Bureau of Labor Statistics, Provided by Iowa Department of Employment Services.

Iowa Unemployment Rates By County, 1988-1992

COUNTY	1988	1989	1990	1991	1992	COUNTY	1988	1989	1990	1991	1992
ADAIR	3.0%	3.8%	3.1%	3.5%	3.7%	JEFFERSON	4.8%	4.8%	4.3%	4.8%	5.3%
ADAMS	2.7%	3.2%	3.8%	4.0%	3.5%	JOHNSON	3.8%	1.5%	1.7%	1.8%	2.0%
ALLAMAKEE	5.2%	5.9%	6.0%	5.5%	5.8%	JONES	4.0%	4.2%	4.8%	5.1%	5.7%
APPANOOSE	6.0%	6.3%	7.1%	6.9%	6.4%	KEOKUK	5.6%	5.0%	5.1%	5.7%	6.8%
AUDUBON	3.5%	3.6%	3.9%	3.3%	3.3%	KOSSUTH	5.0%	4.7%	5.0%	5.9%	4.8%
BENTON	4.4%	4.6%	5.7%	5.9%	5.3%	LEE	8.3%	7.5%	7.1%	8.3%	8.5%
BLACK HAWK	16.4%	5.4%	5.0%	5.6%	5.9%	LINN	7.4%	3.7%	5.2%	5.0%	4.6%
BOONE	3.6%	3.9%	3.7%	4.4%	4.2%	LOUISA	3.6%	4.0%	3.9%	4.3%	4.8%
BREMER	4.1%	3.7%	3.5%	4.9%	4.8%	LUCAS	4.3%	4.7%	5.7%	5.1%	6.4%
BUCHANAN	4.9%	5.2%	5.5%	5.9%	6.1%	LYON	2.8%	2.4%	2.2%	2.3%	2.4%
BUENA VISTA	2.8%	2.2%	2.0%	2.0%	2.2%	MADISON	5.2%	5.1%	4.7%	6.0%	5.9%
BUTLER	5.3%	4.8%	5.1%	6.7%	7.1%	MAHASKA	3.6%	4.8%	4.2%	5.0%	4.6%
CALHOUN	3.5%	2.8%	2.7%	3.3%	3.4%	MARION	3.2%	3.4%	3.3%	3.6%	3.2%
CARROLL	4.3%	4.6%	4.2%	3.7%	2.8%	MARSHALL	8.2%	3.8%	3.7%	4.0%	4.3%
CASS	4.2%	4.3%	5.6%	5.3%	5.1%	MILLS	3.8%	4.1%	4.3%	4.2%	5.0%
CEDAR	3.8%	3.1%	3.0%	3.3%	3.7%	MITCHELL	3.6%	3.5%	3.7%	3.9%	3.6%
CERRO GORDO	10.3%	4.8%	5.1%	5.2%	5.6%	MONONA	6.1%	4.9%	4.2%	5.3%	5.3%
CHEROKEE	3.6%	3.4%	3.0%	2.8%	3.1%	MONROE	7.0%	6.3%	5.8%	5.9%	5.2%
CHICKASAW	5.5%	5.4%	6.0%	6.9%	6.5%	MONTGOMERY	3.9%	4.9%	5.0%	4.5%	5.2%
CLARKE	6.2%	5.1%	5.4%	6.9%	6.8%	MUSCATINE	5.2%	5.0%	5.1%	5.8%	5.8%
CLAY	3.1%	2.8%	2.6%	3.7%	3.4%	O'BRIEN	2.8%	2.2%	2.3%	2.2%	3.2%
CLAYTON	5.7%	5.6%	5.6%	5.9%	5.8%	OSCEOLA	5.3%	4.0%	3.4%	3.4%	3.6%
CLINTON	15.0%	6.7%	6.5%	7.1%	6.8%	PAGE	4.1%	4.9%	5.0%	6.2%	5.9%
CRAWFORD	6.9%	7.5%	5.7%	4.4%	4.2%	PALO ALTO	3.8%	3.5%	3.4%	3.8%	3.0%
DALLAS	3.4%	5.9%	3.6%	3.7%	3.9%	PLYMOUTH	3.9%	3.3%	2.9%	3.2%	3.4%
DAVIS	6.9%	5.4%	4.2%	7.0%	6.5%	POCAHONTAS	2.9%	2.4%	2.5%	3.0%	3.3%
DECATUR	5.1%	3.3%	5.6%	5.6%	6.7%	POLK	10.2%	3.6%	3.3%	3.8%	4.0%
DELAWARE	4.6%	5.9%	4.8%	5.5%	5.5%	POTTAWATTAM	10.1%	4.8%	4.5%	4.8%	5.3%
DES MOINES	12.5%	5.8%	5.3%	6.1%	6.3%	POWESHIEK	3.1%	3.5%	3.5%	3.6%	3.8%
DICKINSON	3.9%	2.9%	2.9%	3.2%	3.0%	RINGGOLD	4.9%	4.7%	5.3%	5.0%	5.2%
DUBUQUE	11.6%	6.0%	5.6%	6.1%	5.6%	SAC	5.7%	5.3%	5.0%	4.7%	3.5%
EMMET	5.9%	5.7%	5.4%	6.0%	6.0%	SCOTT	18.8%	6.0%	5.1%	5.4%	5.8%
FAYETTE	4.7%	4.5%	4.6%	5.5%	5.8%	SHELBY	4.9%	4.8%	4.4%	5.4%	5.6%
FLOYD	5.7%	5.1%	5.8%	6.9%	7.3%	SIOUX	2.3%	2.0%	1.7%	1.9%	1.9%
FRANKLIN	5.1%	4.3%	5.2%	5.0%	5.1%	STORY	3.4%	1.7%	1.9%	2.3%	2.3%
FREMONT	3.9%	3.8%	3.6%	5.0%	5.6%	TAMA	4.6%	4.2%	4.7%	5.7%	5.6%
GREENE	4.7%	6.7%	5.7%	5.7%	4.9%	TAYLOR	3.7%	4.1%	4.1%	4.7%	4.7%
GRUNDY	3.9%	2.8%	2.8%	3.5%	3.5%	UNION	4.7%	4.0%	4.7%	5.8%	4.4%
GUTHRIE	3.9%	6.2%	4.8%	5.4%	5.0%	VAN BUREN	7.5%	7.7%	5.2%	7.0%	7.4%
HAMILTON	2.9%	3.5%	4.4%	3.7%	4.4%	WAPELLO	14.5%	6.7%	6.3%	8.0%	7.5%
HANCOCK	3.4%	4.7%	6.3%	6.0%	6.4%	WARREN	3.5%	2.9%	2.7%	3.4%	3.5%
HARDIN	5.2%	4.1%	4.1%	5.2%	4.7%	WASHINGTON	4.6%	4.1%	3.6%	4.1%	4.3%
HARRISON	6.2%	5.7%	4.6%	5.8%	6.2%	WAYNE	4.7%	3.1%	3.4%	4.4%	6.1%
HENRY	3.8%	3.8%	3.1%	4.0%	4.2%	WEBSTER	9.4%	4.9%	4.9%	5.1%	5.8%
HOWARD	6.2%	5.4%	4.2%	4.1%	4.2%	WINNEBAGO	2.4%	3.8%	5.9%	4.6%	2.9%
HUMBOLDT	2.9%	3.2%	3.4%	3.9%	3.2%	WINNESHIEK	5.2%	4.3%	3.8%	3.5%	3.9%
IDA	2.7%	2.7%	2.7%	3.3%	2.4%	WOODBURY	10.5%	4.2%	4.1%	4.7%	4.2%
IOWA	2.7%	2.3%	2.8%	2.7%	2.6%	WORTH	4.5%	4.8%	5.3%	5.2%	4.6%
JACKSON	7.5%	7.2%	6.2%	6.2%	5.9%	WRIGHT	3.8%	3.5%	3.6%	4.4%	4.8%
JASPER	4.1%	4.1%	4.0%	4.6%	4.1%	STATE OF IOWA	4.5%	4.3%	4.2%	4.6%	4.6%

SOURCE: Iowa Department of Employment Services.

Iowa Unemployment Rates by County, 1992



Source: Labor Market Information Unit, Iowa Department of Employment Services

ECONOMY/INCOME

The Iowa economy has experienced a decade of growth, a decade of recession and the years of rebirth -- all since 1970. With so much happening to income levels and employment and so many of us affected by these changes, it is no wonder that access to economic statistics is essential today. This section contains a thumbnail sketch of the Iowa economy. The reader is encouraged to contact the sources of the data directly in order to keep up on the most recent developments as we watch for the trends of the '90s.

Gross State Product by Industry - Midwest States (Millions of Dollars)

	IOWA					Illinois					Indiana				
	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989
Total gross state product	41,680	42,924	44,659	47,558	52,574	197,379	208,310	222,079	241,135	256,478	80,359	85,223	91,231	98,243	105,314
Farms	4,200	4,299	3,534	3,192	4,257	3,798	3,243	2,623	2,425	3,991	2,140	2,002	1,882	1,550	2,323
Agricultural services, forestry, and fisheries	269	232	360	365	373	537	551	764	837	898	220	214	310	325	353
Mining	95	102	121	130	112	1,801	1,534	1,542	1,508	1,502	608	549	570	579	601
Construction	1,321	1,343	1,435	1,622	1,770	8,208	9,032	10,134	11,124	11,969	3,524	3,922	4,340	4,897	5,307
Manufacturing	8,868	9,037	10,154	10,935	11,396	41,632	43,247	45,346	50,162	50,914	24,485	25,714	27,306	29,412	30,474
Durable goods	4,932	4,975	5,692	6,068	6,325	23,013	23,527	24,428	26,819	27,482	17,401	18,231	18,980	20,374	21,094
Nondurable goods	3,937	4,062	4,462	4,867	5,072	18,619	19,721	20,918	23,343	23,431	7,084	7,483	8,326	9,038	9,380
Transportation and public utilities	3,491	3,692	3,649	3,991	4,152	21,499	22,861	23,927	25,482	25,842	7,858	8,557	9,075	9,681	10,044
Wholesale trade	2,905	2,819	2,889	3,108	3,390	16,988	16,880	17,729	18,944	20,635	4,590	4,669	4,865	5,201	5,724
Retail trade	3,675	3,755	3,954	4,290	4,563	18,206	19,236	20,608	22,047	23,202	8,224	8,660	9,226	9,922	10,493
Finance, insurance, and real estate	7,338	7,658	8,062	8,589	9,511	32,271	34,513	38,364	42,512	44,608	11,463	12,161	13,304	14,342	15,591
Services	5,564	6,013	6,387	7,099	7,786	34,005	37,957	40,945	45,506	49,710	10,084	11,150	12,251	13,693	14,918
Federal civilian government	215	30	(20)	(304)	421	3,164	3,009	3,121	3,184	4,034	1,227	1,191	1,226	1,246	1,635
Federal military	91	102	112	117	121	1,373	1,479	1,452	1,463	1,517	410	454	475	483	489
State and local government	3,648	3,840	4,021	4,423	4,723	13,897	14,768	15,523	15,941	17,656	5,526	5,980	6,402	6,911	7,362

	Kansas					Michigan					Minnesota				
	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989
Total gross state product	40,716	41,777	43,956	46,615	48,829	143,285	153,217	160,930	172,653	181,827	71,289	75,651	80,881	87,238	93,559
Farms	2,490	2,378	2,393	2,379	2,292	1,767	1,625	1,592	1,555	1,888	3,178	3,271	2,973	2,578	3,457
Agricultural services, forestry, and fisheries	139	134	190	196	209	350	346	458	503	533	254	240	329	338	356
Mining	1,325	696	708	797	671	1,015	757	947	1,023	1,009	423	288	323	369	413
Construction	1,569	1,754	1,889	1,814	1,765	4,343	5,085	5,600	6,508	6,903	2,531	2,880	3,282	3,258	3,453
Manufacturing	7,661	8,203	8,473	8,959	9,041	46,181	48,120	47,834	49,703	49,881	15,191	16,092	17,490	19,486	19,766
Durable goods	4,100	4,361	4,430	4,605	4,671	37,010	38,246	37,192	37,809	37,628	8,944	9,453	10,191	11,287	11,190
Nondurable goods	3,562	3,842	4,043	4,354	4,370	9,171	9,874	10,642	11,894	12,252	6,248	6,639	7,299	8,199	8,576
Transportation and public utilities	4,856	4,958	5,179	5,604	5,907	10,970	11,724	12,321	13,138	13,313	6,596	6,897	7,182	7,780	8,272
Wholesale trade	2,854	2,797	2,823	2,952	3,078	8,824	9,036	9,722	10,429	11,266	5,762	5,689	5,943	6,486	6,949
Retail trade	3,578	3,756	4,002	4,356	4,527	13,028	14,063	14,971	15,930	17,011	6,750	7,020	7,486	8,197	8,619
Finance, insurance, and real estate	6,329	6,506	7,091	7,508	7,970	21,177	23,231	25,399	28,179	30,574	12,720	13,995	15,138	16,135	17,188
Services	5,264	5,703	6,098	6,715	7,362	21,370	23,852	25,999	28,520	31,191	10,876	11,915	13,008	14,411	15,963
Federal civilian government	591	544	549	518	859	1,641	1,655	1,703	1,836	2,014	854	764	758	668	1,212
Federal military	848	894	959	1,001	1,026	481	500	527	540	560	163	185	204	216	223
State and local government	3,211	3,456	3,602	3,818	4,121	12,139	13,224	13,859	14,788	15,684	5,991	6,415	6,766	7,315	7,687

Gross State Product by Industry - Midwest States (Millions of Dollars) (cont'd)

	Missouri					Nebraska					North Dakota				
	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989
Total gross state product	79,461	84,335	89,168	94,932	100,081	25,341	25,705	26,611	28,518	31,115	10,762	10,001	10,193	10,042	11,231
Farms	2,097	1,914	1,850	1,856	1,966	3,033	2,872	2,588	2,851	3,414	1,344	1,163	1,138	606	1,060
Agricultural services, forestry, and fisheries	251	245	351	358	372	122	121	178	183	192	44	40	57	56	57
Mining	289	279	288	289	285	91	69	72	73	64	1,049	537	499	505	503
Construction	3,233	3,663	3,842	3,903	3,856	959	939	978	1,057	1,070	540	512	544	518	515
Manufacturing	18,956	19,855	20,623	21,764	22,708	3,444	3,515	3,712	4,074	4,196	550	563	606	656	675
Durable goods	11,711	12,216	12,408	12,731	13,065	1,691	1,703	1,825	1,973	2,034	244	244	283	322	350
Nondurable goods	7,245	7,639	8,215	9,033	9,643	1,753	1,812	1,887	2,101	2,162	305	318	323	334	325
Transportation and public utilities	8,734	9,409	9,765	10,521	10,981	2,752	2,799	2,811	2,959	3,060	1,134	1,168	1,145	1,260	1,281
Wholesale trade	5,795	5,606	6,015	6,485	6,878	1,843	1,779	1,854	1,999	2,113	840	799	812	837	887
Retail trade	8,008	8,471	8,908	9,444	9,870	2,196	2,246	2,402	2,584	2,728	877	865	886	980	1,028
Finance, insurance, and real estate	11,658	12,765	13,686	14,558	15,198	4,323	4,413	4,699	4,990	5,363	1,846	1,773	1,821	1,896	2,103
Services	12,600	13,828	15,049	16,484	17,953	3,331	3,647	3,898	4,334	4,790	1,298	1,371	1,455	1,581	1,680
Federal civilian government	2,057	2,002	2,091	2,173	2,442	273	152	124	(37)	466	65	2	(8)	(112)	136
Federal military	664	707	719	734	783	511	536	568	587	607	354	353	368	379	393
State and local government	5,119	5,591	5,983	6,363	6,788	2,467	2,617	2,728	2,864	3,052	821	856	869	880	913

	Ohio					South Dakota					Wisconsin				
	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989
Total gross state product	167,648	177,159	186,385	201,478	211,545	9,070	9,323	9,777	10,123	11,135	72,296	76,836	81,943	88,559	93,978
Farms	2,129	1,893	1,817	1,724	2,027	1,379	1,379	1,375	1,104	1,410	2,822	3,018	3,003	2,620	3,153
Agricultural services, forestry, and fisheries	430	444	579	608	650	58	48	68	68	71	303	274	381	393	412
Mining	1,596	1,216	1,287	1,170	1,130	85	91	110	121	126	82	96	102	118	121
Construction	5,363	5,709	6,538	7,221	7,734	356	383	413	436	468	2,153	2,440	2,738	3,063	3,325
Manufacturing	50,774	52,908	53,742	57,643	58,244	821	884	939	1,032	1,094	20,684	21,544	23,538	25,741	26,019
Durable goods	34,451	35,487	35,526	37,576	37,972	469	503	558	612	677	12,328	12,660	13,715	14,879	14,867
Nondurable goods	16,322	17,420	18,216	20,067	20,272	352	381	381	420	417	8,356	8,883	9,823	10,861	11,152
Transportation and public utilities	15,560	16,594	16,957	18,030	18,643	897	915	912	1,004	1,028	5,843	6,290	6,309	6,809	7,028
Wholesale trade	11,299	11,225	11,547	12,628	13,364	618	595	609	659	705	4,455	4,477	4,751	5,143	5,555
Retail trade	15,598	16,524	17,348	18,637	19,531	954	963	1,042	1,113	1,168	6,458	6,811	7,199	7,806	8,346
Finance, insurance, and real estate	24,401	26,809	28,935	31,634	34,143	1,524	1,548	1,615	1,715	1,860	12,075	13,192	13,994	15,026	16,349
Services	24,818	27,416	30,167	33,189	35,889	1,243	1,351	1,451	1,600	1,737	10,029	10,836	11,817	13,113	14,298
Federal civilian government	2,795	2,767	2,866	3,003	3,431	195	171	180	150	300	904	951	1,026	1,141	1,299
Federal military	754	728	762	793	827	201	214	248	256	273	278	298	315	332	345
State and local government	12,130	12,926	13,839	15,199	15,934	739	781	817	867	896	6,211	6,609	6,769	7,254	7,727

Source: "Survey of Current Business," U.S. Department of Commerce, Bureau of Economic Analysis.

U.S. Consumer Price Index and Inflation Rate

(For All Urban Consumers)

Year	Annual CPI (1982-84=100)	Inflation Rate (all items)
1970	38.8	5.6
1975	53.8	6.9
1980	82.4	12.5
1985	107.6	3.8
1986	109.6	1.1
1987	113.6	4.4
1988	118.3	4.4
1989	124.0	4.6
1990	130.7	6.1
1991	136.2	3.1
1992	140.3	2.9

Source: Iowa Department of Employment Services.

Total Gross State Product by State (Millions of Dollars)

State	1975	1980	1985	1986	1987	1988	1989
United States	$1,571,442	$2,670,330	$3,966,280	$4,186,032	$4,483,510	$4,854,260	$5,164,671
IOWA	$21,665	$35,023	$41,680	$42,924	$44,659	$47,558	$52,574
Alabama	$20,517	$35,179	$52,712	$55,778	$59,547	$64,059	$67,886
Alaska	$6,387	$13,955	$20,511	$17,877	$16,994	$17,681	$19,582
Arizona	$14,680	$29,676	$49,312	$54,269	$58,480	$62,375	$65,306
Arkansas	$11,551	$20,334	$29,792	$31,015	$32,708	$35,130	$37,169
California	$179,858	$319,321	$500,538	$539,307	$589,311	$642,309	$697,381
Colorado	$19,628	$37,156	$56,445	$57,506	$59,630	$62,490	$66,180
Conneticut	$23,965	$39,928	$64,160	$70,577	$78,420	$85,651	$88,863
Delaware	$4,655	$7,040	$10,756	$11,449	$12,823	$14,275	$15,418
District of Columbia	$12,437	$18,857	$29,307	$30,665	$33,486	$36,759	$39,363
Florida	$52,989	$95,727	$161,750	$176,588	$194,884	$212,761	$226,964
Georgia	$31,373	$55,616	$95,287	$104,810	$113,098	$122,717	$129,776
Hawaii	$7,743	$12,621	$17,642	$19,088	$20,738	$23,183	$25,755
Idaho	$5,600	$9,666	$12,547	$12,664	$13,599	$14,830	$16,339
Illinois	$95,385	$143,523	$197,379	$208,310	$222,079	$241,135	$256,478
Indiana	$37,718	$59,633	$80,359	$85,223	$91,231	$98,243	$105,314
Kansas	$16,958	$28,297	$40,716	$41,777	$43,956	$46,615	$48,829
Kentucky	$22,744	$37,228	$51,507	$53,986	$57,426	$61,631	$65,858
Louisiana	$29,543	$64,297	$81,962	$72,300	$72,125	$76,540	$79,138
Maine	$5,857	$10,337	$16,008	$17,660	$19,898	$22,129	$23,474
Maryland	$28,578	$44,352	$70,855	$77,385	$84,623	$92,707	$99,074
Massachusetts	$40,234	$65,552	$105,883	$116,364	$128,115	$140,793	$144,791
Michigan	$65,781	$103,968	$143,285	$153,217	$160,930	$172,653	$181,827
Minnesota	$28,599	$48,990	$71,289	$75,651	$80,881	$87,238	$93,559
Mississippi	$11,870	$21,606	$31,125	$31,734	$33,281	$36,255	$38,135
Missouri	$32,626	$53,325	$79,461	$84,335	$89,168	$94,932	$100,081
Montana	$5,402	$9,466	$11,460	$11,497	$11,771	$12,178	$13,104
Nebraska	$11,661	$18,325	$25,341	$25,705	$26,611	$28,518	$31,115
Nevada	$5,322	$11,866	$17,995	$19,355	$21,478	$24,657	$27,960
New Hampshire	$4,770	$9,336	$16,698	$19,209	$21,831	$23,812	$24,504
New Jersey	$55,281	$88,594	$144,978	$158,745	$174,714	$193,034	$203,375
New Mexico	$7,806	$16,670	$23,516	$22,273	$23,039	$24,263	$25,414
New York	$145,134	$215,239	$332,461	$358,767	$384,983	$419,903	$441,068
North Carolina	$34,939	$59,110	$94,622	$104,054	$112,288	$121,489	$130,085
North Dakota	$5,044	$8,333	$10,762	$10,001	$10,193	$10,042	$11,231
Ohio	$77,312	$121,552	$167,648	$177,159	$186,385	$201,478	$211,545
Oklahoma	$18,704	$37,811	$50,171	$47,191	$47,371	$49,903	$52,342
Oregon	$16,610	$30,205	$38,205	$40,438	$43,563	$47,881	$52,118
Pennsylvania	$82,260	$126,259	$172,876	$183,973	$198,531	$215,218	$227,898
Rhode Island	$5,728	$9,282	$13,816	$15,252	$16,532	$17,897	$18,807
South Carolina	$15,514	$27,330	$42,195	$45,804	$49,608	$54,338	$60,150
South Dakota	$4,487	$7,045	$9,070	$9,323	$9,777	$10,123	$11,135
Tennessee	$25,990	$45,031	$67,967	$73,213	$80,507	$86,949	$92,267
Texas	$100,471	$204,720	$307,828	$295,074	$302,862	$322,125	$340,057
Utah	$7,798	$15,033	$23,525	$23,985	$24,622	$26,450	$28,135
Vermont	$2,757	$4,926	$7,901	$8,786	$9,846	$10,821	$11,502
Virginia	$34,345	$58,401	$96,008	$105,511	$115,881	$126,668	$136,497
Washington	$27,794	$51,180	$69,857	$75,970	$81,503	$87,864	$96,233
West Virginia	$11,781	$19,430	$23,970	$24,217	$25,025	$26,660	$27,922
Wisconsin	$31,484	$53,075	$72,296	$76,836	$81,943	$88,559	$93,978
Wyoming	$4,104	$10,903	$12,846	$11,235	$10,557	$10,782	$11,115

Source: "Survey of Current Business," U.S. Dept. of Commerce, Bureau of Economic Analysis.

Annual Indicators of the Iowa Economy, 1989-1994

	Year					
	1989	1990	1991	1992*	1993**	1994**
Nonfarm employment (thousands)	1200.092	1224.092	1233.358	1243.015	1267.533	1305.269
Personal income (billions of 1987 dollars)	40.476	41.476	41.069	42.023	42.958	44.013
Personal income (billions of current dollars)	43.934	46.942	48.347	50.672	53.014	55.998

** Estimate*

*** Projection*

Source: The Iowa Economic Forecast, The Institute for Economic Research, University of Iowa, December 1992

Per Capita Personal Income, 1980-1991, Midwest

(Dollars)

State	1980	1985	1986	1987	1988	1989	1990	1991
Iowa	$9,345	$12,700	$13,420	$14,115	$14,580	$15,857	$16,884	$17,296
Illinois	$10,870	$15,130	$15,961	$16,757	$17,911	$19,240	$20,338	$20,731
Indiana	$9,214	$12,650	$13,413	$14,093	$14,948	$15,957	$16,792	$17,179
Kansas	$9,831	$13,847	$14,502	$15,055	$15,794	$16,486	$17,765	$18,322
Michigan	$10,169	$14,214	$15,100	$15,623	$16,590	$17,634	$18,29-	$18,655
Minnesota	$9,980	$14,341	$15,118	$15,957	$16,542	$17,83-	$18,689	$19,125
Missouri	$9,255	$13,569	$14,274	$14,858	$15,612	$16,591	$17,324	$17,928
Nebraska	$8,988	$13,069	$13,581	$14,173	$15,066	$16,009	$17,222	$17,718
North Dakota	$7,643	$12,097	$12,382	$12,828	$12,027	$13,675	$15,118	$15,605
Ohio	$9,738	$13,406	$14,081	$14,672	$15,572	$16,529	$17,418	$17,770
South Dakota	$7,698	$11,250	$11,890	$12,527	$12,737	$14,037	$15,524	$16,071
Wisconsin	$9,771	$13,319	$14,089	$14,768	$15,475	$16,546	$17,468	$17,939
United States	$9,942	$14,159	$14,910	$15,641	$16,618	$17,699	$18,639	$19,092

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Per Capita Personal Income, 1991

Source: U.S. Department of Commerce, Bureau of Economic Analysis

Total Personal Income & Percent Change in Selected Shares of Personal Income

State	Total (Millions of Dollars) 1988	1989	1990	1991	Total Personal Income	Percent Change, 1990-1991								
						Earnings*								
						Total	Mining	Const.	Manuf.	Trans. & Public Utilities	Wholesale and Retail Trade	Finances, Insurance, Real Estate	Services	ovnt.
IOWA	$40,370	$43,934	$46,942	$48,347	3.0	2.2	14.7	1.8	0.8	2.0	4.8	4.1	7.1	5.5
Illinois	$204,043	$219,522	$232,735	$239,293	2.8	2.4	0.1	-4.0	0.3	2.3	2.4	1.5	5.2	6.6
Indiana	$82,103	$88,141	$93,259	$96,365	3.3	2.7	-7.7	2.8	1.3	2.4	3.5	0.4	7.0	6.2
Kansas	$38,890	$40,767	$44,065	$45,706	3.7	2.7	0.1	-0.1	3.3	3.2	3.5	1.4	6.0	5.7
Michigan	$152,945	$163,173	$170,385	$174,750	2.6	0.9	8.5	-7.0	-1.7	1.2	2.0	-1.5	4.1	4.7
Minnesota	$71,075	$77,366	$82,039	$84,769	3.3	3.0	3.1	-3.1	3.0	5.4	3.5	5.0	5.6	5.3
Missouri	$79,348	$84,544	$88,817	$92,470	4.1	2.3	0.1	-4.8	-0.4	2.7	2.7	-1.2	5.2	5.4
Nebraska	$23,680	$25,213	$27,218	$28,220	3.7	3.4	12.4	1.0	3.9	3.8	3.1	1.0	7.0	7.0
North Dakota	$7,883	$8,839	$9,625	$9,903	2.9	2.2	1.1	0.0	7.8	4.1	3.6	2.6	5.7	5.0
Ohio	$168,185	$178,997	$189,139	$194,384	2.8	1.7	-7.5	-6.1	-0.3	0.8	3.2	0.3	4.8	5.6
South Dakota	$8,894	$9,780	$10,806	$11,303	4.6	4.4	2.3	1.4	6.6	5.2	6.5	4.6	8.2	7.3
Wisconsin	$74,639	$80,355	$85,698	$88,891	3.7	3.2	10.4	2.2	1.4	4.4	3.9	1.7	7.1	6.0
United States	$4,063,785	$4,368,495	$4,649,706	$4,814,495	3.5	2.6	2.4	-5.5	0.9	3.6	2.0	0.4	5.2	5.7

Consists of wage and salary disbursements, other labor income, and proprietor's income.

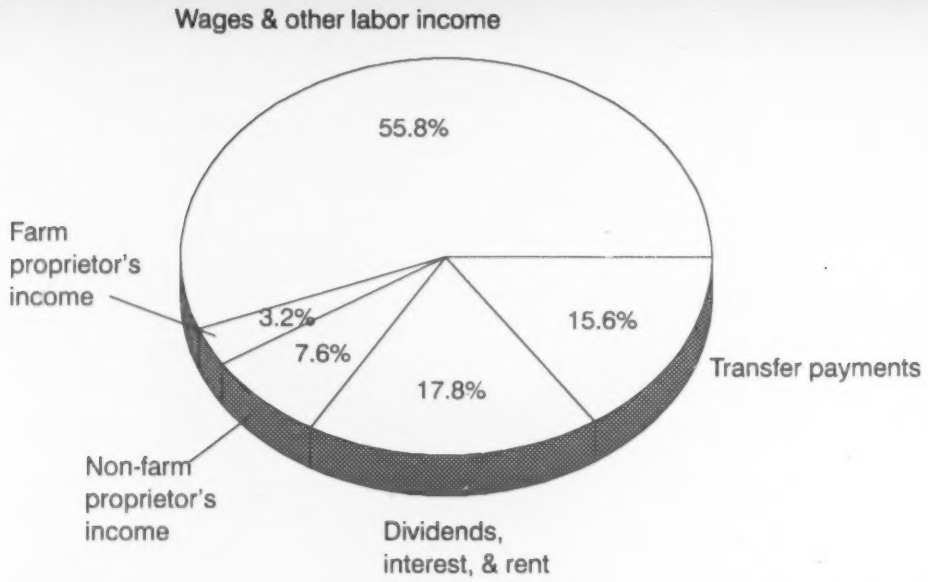
Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Personal Income by Source, 1991, Midwest (Millions of Dollars)

	IOWA	Illinois	Indiana	Kansas	Michigan	Minnesota	Missouri	Nebraska	N. Dakota	Ohio	S. Dakota	Wisconsin
EARNINGS BY INDUSTRY												
Farm	$1,917	$987	$344	$891	$764	$1,646	$699	$1,840	$609	$549	$1,139	$1,174
Nonfarm	$31,563	$173,705	$69,786	$30,074	$123,574	$62,446	$66,090	$18,947	$6,281	$138,274	$6,761	$61,682
Agricultural services, forestry, fisheries, and other	$291	$793	$296	$179	$477	$303	$318	$157	$49	$543	$62	$368
Mining	$67	$917	$370	$298	$368	$344	$223	$48	$159	$678	$96	$88
Construction	$1,615	$9,783	$4,270	$1,594	$5,529	$3,405	$3,584	$992	$347	$6,721	$378	$3,481
Manufacturing	$7,244	$35,286	$21,979	$5,849	$39,366	$14,317	$13,889	$2,763	$460	$39,522	$828	$17,926
Transportation and public utilities	$1,999	$12,488	$4,712	$2,566	$6,377	$4,475	$6,033	$1,787	$624	$7,904	$489	$3,632
Wholesale trade	$2,288	$14,020	$3,935	$2,181	$7,541	$4,721	$4,719	$1,471	$550	$9,008	$486	$3,768
Retail trade	$3,358	$15,644	$6,956	$3,116	$11,655	$6,155	$6,629	$2,008	$723	$13,462	$879	$6,139
Finance, insurance, and real estate	$1,927	$14,248	$3,128	$1,638	$5,183	$4,204	$4,008	$1,301	$318	$6,771	$399	$3,244
Services	$7,418	$47,408	$14,516	$7,047	$29,058	$15,218	$16,998	$4,605	$1,592	$34,143	$1,707	$14,017
Government and government enterprises	$5,356	$23,118	$9,624	$5,605	$18,020	$9,304	$9,692	$3,816	$1,460	$19,523	$1,438	$9,018
EARNINGS BY PLACE OF WORK												
COMPONENTS OF EARNINGS:												
Wages and salaries	$25,273	$142,214	$57,628	$24,470	$103,510	$52,280	$53,777	$15,537	$5,171	$116,242	$5,331	$51,148
Other labor income	$2,776	$15,140	$6,434	$2,601	$11,927	$5,424	$5,692	$1,555	$468	$11,798	$557	$5,769
Proprietors' income	$5,431	$17,338	$6,067	$3,893	$8,901	$6,387	$7,321	$3,695	$1,252	$10,784	$2,011	$5,939
Farm	$1,632	$707	$152	$672	$517	$1,397	$539	$1,587	$520	$336	$1,047	$853
Nonfarm	$3,799	$16,631	$5,916	$3,221	$8,384	$4,990	$6,782	$2,108	$732	$10,448	$964	$5,086
DERIVATION OF TOTAL PERSONAL INCOME:												
Earnings by place of work	$33,480	$174,692	$70,130	$30,965	$124,338	$64,092	$66,790	$20,787	$6,891	$138,823	$7,900	$62,856
Less: Personal contributions for social insurance	$2,350	$12,377	$4,556	$2,233	$9,207	$4,997	$4,551	$1,569	$503	$10,777	$516	$4,606
Plus: Adjustment for residence	$446	$136	$1,285	$1,266	$893	($425)	($2,937)	($388)	($236)	($933)	$4	$1,435
Equals: Net earnings by place of residence	$31,576	$162,451	$66,859	$29,998	$116,023	$58,670	$59,302	$18,831	$6,152	$127,113	$7,388	$59,684
Plus: Dividends, interest, and rent	$8,925	$43,488	$14,977	$8,731	$28,737	$13,820	$17,478	$5,152	$1,854	$31,849	$2,027	$14,903
Plus: Transfer payments	$7,847	$33,355	$14,530	$6,977	$29,990	$12,279	$15,691	$4,237	$1,897	$35,422	$1,888	$14,303

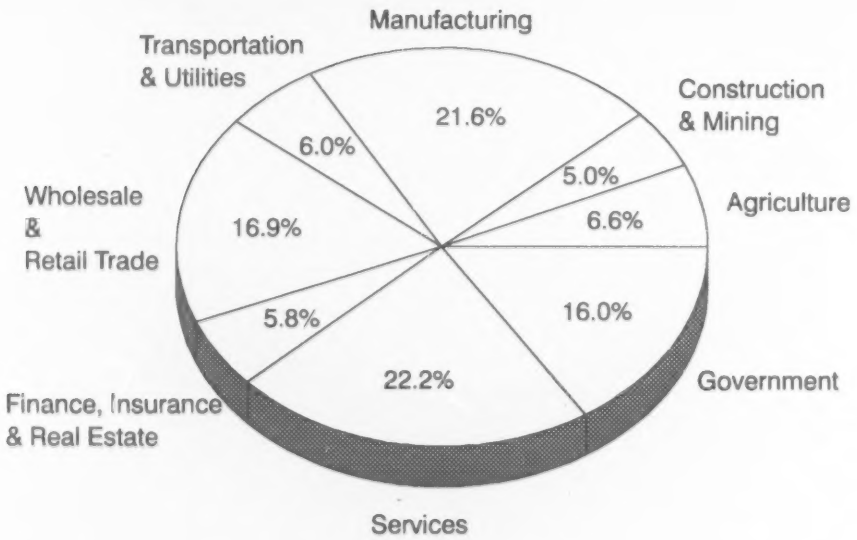
Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Major Sources of Personal Income in Iowa, 1991



Source: U.S. Department of Commerce, Bureau of Economic Analysis

% Income Earned by Industry in Iowa, 1991



Source: U.S. Department of Commerce, Bureau of Economic Analysis

Total in Personal Income by Source, Iowa, (Millions of Dollars)

	1970	1975	1980	1985	1990	1991
EARNINGS BY INDUSTRY						
Farm	$1,204	$1,918	$573	$1,467	$2,455	$1,917
Nonfarm	$7,187	$11,419	$18,846	$22,480	$30,311	$31,563
Agricultural services, forestry, fisheries, and other	$91	$127	$115	$206	$277	$291
Mining	$30	$59	$96	$78	$59	$67
Construction	$526	$871	$1,294	$1,152	$1,587	$1,615
Manufacturing	$1,964	$3,086	$5,345	$5,473	$7,187	$7,244
Transportation amd public utilities	$553	$893	$1,388	$1,610	$1,959	$1,999
Wholesale trade	$451	$957	$1,550	$1,708	$2,181	$2,288
Retail trade	$1,013	$1,405	$2,065	$2,595	$3,206	$3,358
Finance, insurance, and real estate	$382	$579	$1,040	$1,288	$1,852	$1,927
Services	$1,065	$1,683	$3,205	$4,636	$6,928	$7,418
Government and government enterprises	$1,112	$1,757	$2,749	$3,733	$5,075	$5,356
EARNINGS BY PLACE OF WORK						
Components of earnings:						
Wages and salaries	$5,809	$9,203	$15,161	$17,839	$24,252	$25,273
Other labor income	$336	$755	$1,574	$1,762	$2,582	$2,776
Proprietors' income	$2,245	$3,379	$2,684	$4,345	$5,932	$5,431
Farm	$1,100	$1,737	$287	$1,204	$2,164	$1,632
Nonfarm	$1,145	$1,642	$2,397	$3,141	$3,769	$3,799
DERIVATION OF TOTAL PERSONAL INCOME						
Earnings by place of work	$8,391	$13,337	$19,419	$23,947	$32,766	$33,480
Less: Personal contributions for social insurance	$343	$643	$1,032	$1,467	$2,173	$2,350
Plus: Adjustment for residence	$77	$70	$50	$180	$435	$446
Equals: Net earnings by place of residence	$8,124	$12,764	$18,436	$22,660	$31,028	$31,576
Plus: Dividends, interest, and rent	$1,559	$2,541	$5,147	$7,800	$8,764	$8,925
Plus: Transfer payments	$1,050	$2,116	$3,668	$5,481	$7,150	$7,847
Total Personal Income (by Place of Residence)	$10,734	$17,421	$27,251	$35,941	$46,942	$48,347

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Total Personal Income & Per Capita Personal Income by Metropolitan Area, 1988-90

	Total Personal Income (Millions of dollars)			Per Capita Personal Income (Dollars)		
MSA	1988	1989	1990	1988	1989	1990
Cedar Rapids	$2,774	$3,051	$3,241	$16,693	$18,215	$19,148
Davenport-Rock Island-Moline	$5,514	$5,956	$6,358	$15,521	$16,896	$18,141
Des Moines	$6,702	$7,245	$7,758	$17,461	$18,642	$19,662
Dubuque	$1,217	$1,326	$1,411	$14,074	$15,360	$16,323
Iowa City	$1,447	$1,632	$1,747	$15,645	$17,278	$18,057
Omaha-Council Bluffs	$9,880	$10,707	$11,519	$16,201	$17,427	$18,583
Sioux City	$1,646	$1,802	$1,909	$14,419	$15,728	$16,568
Waterloo-Cedar Falls	$2,055	$2,270	$2,438	$13,896	$15,438	$16,638

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Total & Per Capita Personal Income by County, 1988-1990

County	Total Personal Income (Millions of dollars)			Per Capita Personal Income (Dollars)		
	1988	1989	1990	1988	1989	1990
Adair	$113	$129	$134	$13,290	$15,261	$15,930
Adams	$67	$74	$81	$13,452	$15,118	$16,656
Allamakee	$176	$199	$212	$12,619	$14,340	$15,283
Appanoose	$176	$192	$204	$12,791	$13,978	$14,867
Audubon	$100	$109	$114	$13,304	$14,761	$15,639
Benton	$314	$357	$384	$14,089	$15,995	$17,111
Black Hawk	$1,742	$1,917	$2,058	$13,944	$15,438	$16,632
Boone	$348	$394	$402	$13,893	$15,694	$15,952
Bremer	$314	$353	$380	$13,636	$15,436	$16,667
Buchanan	$264	$297	$324	$12,611	$14,236	$15,529
Buena Vista	$289	$321	$322	$14,471	$16,084	$16,095
Butler	$202	$226	$245	$12,707	$14,301	$15,617
Calhoun	$170	$179	$182	$14,599	$15,459	$15,841
Carroll	$321	$350	$362	$14,968	$16,363	$16,864
Cass	$226	$255	$264	$14,715	$16,758	$17,445
Cedar	$264	$289	$308	$15,069	$16,577	$17,727
Cerro Gordo	$700	$743	$811	$14,971	$15,908	$17,348
Cherokee	$200	$208	$221	$13,918	$14,662	$15,671
Chickasaw	$183	$205	$219	$13,489	$15,314	$16,526
Clarke	$109	$124	$130	$13,308	$15,058	$15,671
Clay	$257	$281	$297	$14,417	$15,889	$16,926
Clayton	$237	$271	$289	$12,273	$14,194	$15,167
Clinton	$729	$797	$834	$14,196	$15,597	$16,345
Crawford	$225	$234	$244	$13,207	$13,904	$14,564
Dallas	$454	$496	$529	$15,533	$16,798	$17,718
Davis	$97	$106	$116	$11,542	$12,662	$13,935
Decatur	$86	$98	$103	$10,128	$11,697	$12,331
Delaware	$226	$249	$283	$12,469	$13,806	$15,693
Des Moines	$631	$676	$729	$14,786	$15,866	$17,100
Dickinson	$234	$262	$281	$15,817	$17,661	$18,815
Dubuque	$1,217	$1,326	$1,411	$14,074	$15,360	$16,323
Emmet	$151	$160	$169	$12,946	$13,744	$14,590
Fayette	$272	$303	$325	$12,204	$13,764	$14,918
Floyd	$231	$252	$280	$13,357	$14,664	$16,424
Franklin	$157	$173	$184	$13,558	$15,129	$16,203
Fremont	$132	$140	$143	$15,862	$16,992	$17,450
Greene	$154	$174	$171	$14,881	$17,154	$17,085
Grundy	$187	$201	$216	$15,127	$16,583	$17,985
Guthrie	$149	$167	$172	$13,498	$15,258	$15,739
Hamilton	$265	$299	$315	$16,443	$18,613	$19,576
Hancock	$176	$191	$204	$13,888	$15,090	$16,106
Hardin	$287	$313	$334	$14,707	$16,275	$17,510
Harrison	$194	$210	$225	$13,134	$14,260	$15,233
Henry	$280	$305	$341	$14,853	$15,992	$17,689
Howard	$135	$153	$165	$13,669	$15,553	$16,840
Humboldt	$157	$185	$188	$14,380	$17,090	$17,478
Ida	$125	$127	$130	$14,790	$15,155	$15,590
Iowa	$217	$231	$255	$14,824	$15,823	$17,409
Jackson	$261	$293	$316	$12,930	$14,625	$15,843
Jasper	$544	$606	$634	$15,768	$17,480	$18,191
Jefferson	$223	$246	$261	$13,830	$15,214	$15,986
Johnson	$1,447	$1,632	$1,747	$15,645	$17,278	$18,057
Jones	$236	$267	$287	$12,199	$13,759	$14,752
Keokuk	$164	$175	$189	$13,969	$14,992	$16,297
Kossuth	$266	$292	$300	$14,027	$15,569	$16,182
Lee	$530	$573	$612	$13,562	$14,755	$15,825
Linn	$2,774	$3,051	$3,241	$16,693	$18,215	$19,148
Louisa	$161	$178	$193	$13,983	$15,432	$16,640
Lucas	$127	$138	$145	$13,814	$15,108	$15,998
Lyon	$154	$181	$187	$12,823	$15,154	$15,675
Madison	$177	$196	$210	$14,355	$15,799	$16,791
Mahaska	$286	$313	$336	$13,354	$14,602	$15,579
Marion	$462	$496	$527	$15,680	$16,679	$17,497
Marshall	$583	$655	$693	$15,090	$17,074	$18,107
Mills	$192	$200	$215	$14,693	$15,199	$16,233
Mitchell	$154	$184	$201	$14,016	$16,759	$18,440
Monona	$145	$151	$154	$14,237	$14,929	$15,342
Monroe	$110	$121	$128	$13,448	$14,802	$15,841
Montgomery	$176	$195	$203	$14,439	$16,081	$16,817
Muscatine	$637	$705	$750	$16,073	$17,740	$18,750
O'Brien	$219	$235	$244	$14,057	$15,177	$15,789
Osceola	$102	$113	$118	$13,798	$15,486	$16,331
Page	$229	$262	$276	$13,391	$15,458	$16,349
Palo Alto	$158	$166	$177	$14,398	$15,349	$16,620
Plymouth	$322	$369	$391	$13,885	$15,863	$16,689
Pocahontas	$141	$157	$151	$14,288	$16,261	$15,932
Polk	$5,731	$6,183	$6,621	$18,026	$19,152	$20,139
Pottawattam	$1,205	$1,278	$1,377	$14,621	$15,496	$16,645
Poweshiek	$290	$317	$337	$15,472	$16,769	$17,677
Ringgold	$67	$72	$77	$12,242	$13,240	$14,217
Sac	$181	$187	$196	$14,523	$15,105	$15,930
Scott	$2,466	$2,692	$2,901	$16,338	$17,853	$19,197
Shelby	$196	$207	$215	$14,649	$15,583	$16,241
Sioux	$367	$447	$474	$12,329	$15,008	$15,822
Story	$1,000	$1,120	$1,181	$13,639	$15,175	$15,862
Tama	$245	$263	$279	$13,876	$15,018	$16,049
Taylor	$86	$97	$103	$11,745	$13,495	$14,518
Union	$174	$189	$199	$13,553	$14,780	$15,585
Van Buren	$91	$99	$106	$11,857	$12,943	$13,835
Wapello	$464	$507	$540	$12,783	$14,125	$15,143
Warren	$518	$566	$608	$14,100	$15,603	$16,912
Washington	$268	$297	$329	$13,853	$15,237	$16,729
Wayne	$89	$99	$102	$12,319	$13,913	$14,455
Webster	$573	$640	$663	$14,035	$15,798	$16,444
Winnebago	$198	$206	$219	$16,335	$16,960	$18,054
Winneshiek	$261	$304	$332	$12,523	$14,589	$15,909
Woodbury	$1,426	$1,558	$1,655	$14,642	$15,930	$16,804
Worth	$120	$136	$147	$14,740	$16,941	$18,481
Wright	$236	$264	$265	$16,249	$18,362	$18,590
IOWA	$41,170	$45,179	$48,101	$14,869	$16,307	$17,301

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Effective Buying Income* for Iowa Counties and MSA's, 1991

County	Total EBI ($000)	Median Household EBI	% of Households by EBI Group (A) $10,000-$19,999	(B) $20,000-$34,999	(C) $35,000-$49,999	(D) $50,000 & Over
Adair	102,317	25,929	22.0	30.9	19.6	13.0
Adams	54,895	23,807	24.3	31.5	18.5	8.2
Allamakee	151,348	23,768	23.6	28.7	17.2	12.8
Appanoose	150,535	21,053	27.0	25.9	13.8	12.6
Audubon	94,047	25,907	23.1	30.6	19.1	13.8
Benton	286,233	29,670	18.4	28.0	21.8	19.1
Black Hawk	1,604,418	28,656	19.8	25.4	18.7	21.5
Boone	327,145	29,082	19.8	29.5	21.4	17.6
Bremer	293,782	31,274	19.0	26.9	21.6	21.5
Buchanan	257,664	27,916	20.7	27.4	19.6	18.4
Buena Vista	234,400	26,776	21.2	35.2	19.6	11.6
Butler	190,862	27,255	21.6	30.9	19.9	14.9
Calhoun	136,956	24,945	22.0	33.9	15.7	12.3
Carroll	267,807	27,876	20.8	30.2	20.3	15.6
Cass	177,924	24,540	23.6	32.2	17.0	12.2
Cedar	230,258	31,206	17.9	29.0	23.3	19.2
Cerro Gordo	632,650	28,452	19.9	29.5	20.9	17.2
Cherokee	167,287	26,421	21.4	31.9	17.7	14.7
Chickasaw	157,881	27,490	20.4	32.5	20.0	14.1
Clarke	95,606	23,617	26.3	30.9	14.3	13.4
Clay	239,852	28,684	20.8	28.8	22.1	15.9
Clayton	218,227	25,930	21.2	30.9	18.6	14.3
Clinton	647,207	28,484	19.7	28.5	21.2	17.8
Crawford	186,613	25,652	21.5	34.2	17.1	12.4
Dallas	405,310	29,893	19.1	28.7	21.6	19.6
Davis	96,257	24,375	24.1	32.7	16.2	12.4
Decatur	80,016	20,944	25.6	27.4	15.8	9.0
Delaware	222,228	28,152	18.5	31.0	20.1	15.8
Des Moines	571,883	29,846	19.1	27.7	21.5	19.4
Dickinson	232,230	29,710	18.5	30.6	20.7	19.3
Dubuque	1,135,012	31,311	18.1	27.8	21.5	21.7
Emmet	135,626	26,474	21.5	32.3	17.3	14.8
Fayette	238,985	24,140	24.2	29.9	17.6	11.7
Floyd	210,364	26,534	19.9	30.8	18.9	14.0
Franklin	138,337	25,975	20.6	33.7	16.4	13.5
Fremont	91,552	24,732	23.1	31.8	19.4	9.3
Greene	121,264	25,971	21.4	33.2	19.2	12.0
Grundy	166,155	29,871	18.7	29.7	22.7	17.5
Guthrie	137,721	27,018	20.4	32.5	18.3	14.9
Hamilton	209,096	29,680	19.2	29.4	24.6	15.6
Hancock	157,364	28,736	19.0	34.1	22.6	13.1
Hardin	241,016	27,779	20.4	31.6	19.4	16.0
Harrison	160,161	24,606	22.5	31.3	16.9	12.1
Henry	246,556	28,620	19.7	30.0	22.0	16.2
Howard	107,487	24,932	21.9	34.0	17.6	9.8
Humbolt	145,889	28,695	21.3	32.4	20.9	15.9
Ida	102,104	26,533	21.0	31.0	17.6	15.8
Iowa	198,912	30,532	17.1	30.6	23.1	18.0
Jackson	244,142	27,635	19.6	28.2	18.7	18.0
Jasper	485,166	31,573	18.4	28.8	23.1	20.1
Jefferson	208,003	25,170	21.8	28.5	19.7	13.1
Johnson	1,525,769	32,628	17.2	24.1	18.1	28.3
Jones	236,718	28,349	19.5	31.5	20.9	15.9
Keokuk	135,519	26,460	21.3	31.3	20.6	12.8
Kossuth	216,511	25,870	22.2	34.9	18.4	11.0
Lee	465,048	26,883	20.4	28.6	19.6	15.8
Linn	2,729,064	35,801	14.6	24.7	23.2	28.2
Louisa	157,734	32,064	17.8	27.0	22.2	22.5
Lucas	107,015	24,191	23.7	27.7	18.1	12.6
Lyon	127,771	25,827	23.7	34.1	17.2	11.9
Madison	167,904	31,667	18.7	27.1	22.6	20.9
Mahaska	267,893	27,508	20.6	30.3	19.9	15.3
Marion	399,605	31,194	16.5	30.6	22.3	19.3
Marshall	552,205	32,002	17.4	28.0	21.7	23.1
Mills	162,828	30,545	18.7	28.4	23.2	19.5
Mitchell	138,519	29,031	19.3	30.4	22.1	15.7
Monona	115,812	23,868	23.9	31.9	15.9	11.1
Monroe	91,498	23,898	24.6	30.9	14.7	13.2
Montgomery	147,112	25,726	23.6	31.2	19.6	11.4
Muscatine	553,502	32,612	16.3	26.5	23.9	21.9
O'Brien	186,457	26,943	21.0	31.8	20.5	13.6
Osceola	95,029	27,607	22.5	29.2	20.0	17.1
Page	212,421	26,837	20.6	29.4	17.9	16.6
Palo Alto	127,858	25,881	23.0	31.5	18.3	14.0
Plymouth	300,635	30,693	17.7	29.6	21.7	19.6
Pocahontas	119,849	26,806	21.7	31.9	19.8	13.6
Polk	5,563,401	35,481	14.7	25.6	21.8	29.0
Pottawattamie	1,067,869	30,202	17.5	30.3	21.7	18.9
Poweshiek	260,709	29,966	18.6	29.7	21.5	18.7
Ringgold	58,020	23,054	24.6	32.3	16.1	8.3
Sac	160,639	27,557	20.7	32.6	18.2	16.5
Scott	2,098,728	31,790	17.4	25.6	20.6	24.0
Shelby	159,368	26,467	21.7	34.0	18.0	14.4
Sioux	332,826	28,272	20.1	34.0	21.1	14.3
Story	983,901	30,692	18.4	25.3	19.1	24.1
Tama	219,411	28,124	19.8	31.4	20.4	15.7
Taylor	73,346	23,140	23.0	31.0	16.9	9.5
Union	147,543	24,964	21.9	31.6	15.6	13.4
Van Buren	78,631	22,437	26.1	32.3	15.0	9.2
Wapello	432,034	24,665	14.5	28.2	17.3	14.9
Warren	498,126	35,950	23.1	25.2	25.4	26.3
Washington	238,187	28,164	19.9	33.7	22.0	13.6
Wayne	74,748	21,494	26.2	29.6	13.2	10.8
Webster	520,336	27,724	20.7	30.3	20.2	15.8
Winnebago	142,021	26,264	21.3	32.1	20.5	11.8
Winneshiek	241,537	27,648	19.5	29.9	19.1	16.5
Woodbury	1,326,084	28,970	19.7	27.5	20.2	19.5
Worth	94,727	24,951	22.3	32.6	18.5	11.7
Wright	175,799	26,403	22.2	31.3	20.2	12.3
MSA's						
Cedar Rapids	2,729,064	35,801	14.6	24.7	23.2	28.2
Quad Cities	4,883,743	30,815	18.1	25.8	20.0	23.3
Des Moines	6,466,837	35,095	15.0	25.8	22.0	28.1
Dubuque	1,135,012	31,311	18.1	27.8	21.5	21.7
Iowa City	1,525,769	32,628	17.2	24.1	18.1	28.3
Sioux City	1,537,900	29,298	19.3	27.6	20.4	19.8
Waterloo-Cedar Falls	1,898,200	29,065	19.6	25.6	19.1	21.5
Total Metro Counties	18,247,563	32,825	16.7	26.0	21.2	25.2
Total State	37,683,017	29,690	18.8	28.2	20.5	20.1

* Effective Buying Income (EBI) is personal income less personal tax and nontax payments. Personal Income is the aggregate of wage and salaries, other labor income, proprietor's income, rental income, dividends paid by corporations, personal interest income from all sources and transfer payments. Deducted from this total are personal taxes (federal, state, and local) & nontax payments (such as fines, fees, penalties, and social insurance).

Source: "1992 Survey of Buying Power," Sales and Marketing Management, August 24, 1992.

GOVERNMENT FINANCES/TAXES

Iowa's per capita debt is one of the nation's lowest, so more of our state's revenue is spent on programs instead of paying interest.

The estimated average annual unemployment insurance cost per employee for covered Iowa employers paying wages at or above the tax base is $210.00 in 1993.

A single-factor, non-unitary corporate income tax allows Iowa companies to reduce their tax burden by not having to pay income taxes on sales from outside the state. Businesses are also allowed a 50 percent deduction of federal income taxes on their state forms.

Companies can reduce their taxes further through the New Jobs Tax Credit. This credit has risen from $786 in 1993 to $834 in 1994 per new employee. Research and development tax credits allow businesses to remain progressive.

There is no tax on personal property in Iowa, and this includes corporate inventories of salable goods, raw materials, and goods in transit. In Iowa, there are no sales and use taxes on industrial machinery, equipment, and computers.

Per Capita State & Local Government Debt*, 1989-90

Source: "Government Finance in 1989-90," United States Department of Commerce, Bureau of the Census.

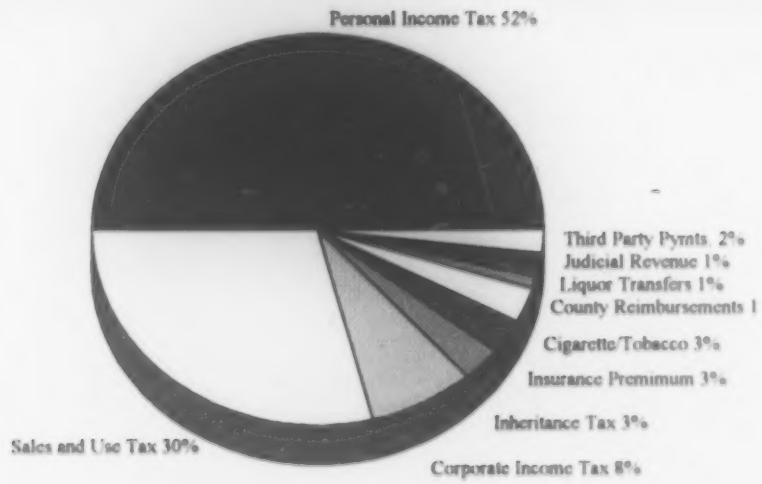
State of Iowa General Fund Receipts, 1989-1992

Twelve Months Actual Through June (Millions of Dollars)

	1989	1990	1991	1992
Special Taxes:				
Personal Income Taxes	$1,368.0	$1,445.6	$1,526.2	$1,587.5
Sales and Use Tax	$805.5	$842.8	$885.6	$923.2
Corporate Income Tax	$236.0	$230.7	$239.4	$237.2
Inheritance Tax	$66.5	$65.1	$69.0	$78.0
Insurance Premium Tax	$84.9	$87.0	$92.3	$97.4
Cigarette and Tobacco Tax	$92.2	$85.2	$86.6	$97.4
Beer Tax	$12.6	$12.6	$12.7	$12.6
Franchise Tax	$22.7	$25.5	$25.0	$26.4
Miscellaneous Taxes	$0.4	$0.6	$0.6	$0.7
Total Special Taxes	$2,688.8	$2,795.1	$2,937.4	$3,060.4
Other Receipts:				
County Reimbursements	$50.9	$50.7	$46.3	$46.8
Liquor Transfers	$28.4	$29.5	$30.6	$37.3
Interest	$12.4	$14.0	$11.8	$9.6
Fees	$14.8	$12.0	$16.7	$49.3
Judicial Revenue	$33.6	$35.3	$35.7	$37.9
Third Party Payments-Institutions	$53.8	$55.2	$59.1	$61.0
Miscellaneous Receipts	$13.6	$16.4	$14.3	$23.8
Racing/Gaming Receipts	$10.9	$8.8	$7.2	$19.5
Transfers	$10.9	$2.3	$82.7	$52.2
Total Gross Receipts	$2,918.1	$3,019.3	$3,241.8	$3,397.8

Source: Iowa Department of Management

Percent of General Fund Receipts (Fiscal Year Ending June 30, 1992)



Note: Categories less than 1% not listed

Source: Iowa Department of Management

Sales Tax (Percent & Per Capita) by State, 1991

STATE	Percent	Highest Combined State & Local	Per Capita Dollars	Rank in U.S.
IOWA	4.0	5.0	$349.57	33
Alabama	4.0	9.5	$256.67	41
Alaska	N/A	4.0	N/A	46
Arizona	5.0	7.2	$534.88	7
Arkansas	4.5	5.5	$369.69	26
California	6.0	8.25	$472.02	11
Colorado	3.0	7.1	$250.10	43
Connecticut	8.0	8.0	$741.01	3
Delaware	N/A	N/A	N/A	47
Florida	6.0	7.0	$612.99	5
Georgia	4.0	6.0	$401.15	21
Hawaii	4.0	4.0	$1,126.64	1
Idaho	5.0	5.0	$388.99	23
Illinois	6.25	7.25	$360.72	29
Indiana	5.0	5.0	$452.47	13
Kansas	4.25	6.25	$368.02	27
Kentucky	6.0	6.0	$350.03	32
Louisiana	4.0	9.0	$307.64	39
Maine	6.0	6.0	$402.49	20
Maryland	5.0	5.0	$317.05	38
Massachusetts	5.0	5.0	$318.45	37
Michigan	4.0	4.0	$340.59	34
Minnesota	6.0	7.5	$443.01	15
Mississippi	6.0	6.0	$432.16	16
Missouri	4.225	6.475	$361.26	28
Montana	N/A	N/A	N/A	48
Nebraska	5.0	6.5	$391.88	22
Nevada	5.75	6.75	$643.53	4
New Hampshire	N/A	N/A	N/A	49
New Jersey	7.0	7.0	$520.98	8
New Mexico	5.0	5.875	$606.75	6
New York	4.0	8.25	$318.52	36
North Carolina	4.0	4.0	$250.83	42
North Dakota	5.0	6.0	$370.48	25
Ohio	5.0	7.0	$326.77	35
Oklahoma	4.5	7.375	$303.48	40
Oregon	N/A	N/A	N/A	50
Pennsylvania	6.0	6.0	$350.95	31
Rhode Island	7.0	7.0	$446.62	14
South Carolina	5.0	5.0	$403.78	19
South Dakota	4.0	6.0	$352.74	30
Tennessee	5.5	7.75	$477.14	10
Texas	6.25	8.25	$478.12	9
Utah	5.0	6.25	$417.87	17
Vermont	5.0	5.0	$221.54	45
Virginia	3.5	4.5	$247.99	44
Washington	6.5	8.2	$948.23	2
West Virginia	6.0	6.0	$453.84	12
Wisconsin	5.0	5.5	$409.02	18
Wyoming	3.0	5.0	$386.48	24
District of Columbia	6.0	6.0	N/A	N/A

Sources: Percent and Per Capita data from "State Government Tax Collections in 1991", U.S. Department of Commerce, Bureau of the Census.

Highest Combined State & Local data from "Significant Features of Fiscal Federalism, Volume 1: Budget Processes and Tax Systems, February 1992", U.S. Advisory Commission on Intergovernmental Relations.

State Government Revenues by Type of Tax, Iowa, 1988-91

(Thousands of Dollars)

Tax Source	1988	1989	1990	1991p
SALES AND GROSS RECEIPTS	$1,313,106	$1,443,362	$1,471,464	$1,506,257
General sales or gross receipts (net)	859,033	931,743	943,565	977,056
Refunds	(13,563)	(13,274)	(15,168)	(13,052)
Retailer's and consumer's use tax (gross)	94,895	103,501	114,282	120,913
Motor vehicle use tax (gross)	110,386	117,128	115,921	104,543
Sales tax (gross)	667,315	724,388	728,530	764,652
Utilities and Transportation	102,431	107,897	N/A	110,287
General Merchandise	86,415	90,499	N/A	103,492
Services	86,282	95,764	N/A	102,907
Wholesale goods	72,669	74,163	N/A	75,560
Eating and drinking places	62,192	70,434	N/A	72,065
Specialty retail stores	54,051	59,744	N/A	64,320
Food dealers	39,438	43,244	N/A	44,672
Building materials	35,233	39,772	N/A	43,857
Automotive services	37,769	40,510	N/A	41,842
Home furnishings and appliances	25,091	27,393	N/A	28,013
Apparel group	22,688	25,375	N/A	25,268
Miscellaneous	43,056	49,593	N/A	52,369
Selective sales and gross receipts	454,073	511,619	527,899	529,201
Motor fuels (net)	266,094	311,077	334,285	330,530
Refunds	(13,148)	(11,464)	(11,781)	(11,019)
Gross collections	279,242	322,541	346,066	341,549
Alcoholic beverages	12,645	12,559	12,599	12,707
Beer	12,639	12,551	12,592	12,703
15 percent tax	6	8	7	4
Tobacco products-cigarettes	83,208	92,177	85,226	86,523
Insurance--gross premiums	81,033	84,878	86,976	92,288
Parimutuels--horse and dog racing	11,093	10,928	8,813	7,153
LICENSE	251,363	278,998	301,777	323,165
Motor vehicles	184,489	201,441	216,909	220,730
General	184,232	201,144	216,641	220,436
Truckers	257	297	268	294
Motor vehicle operators	9,380	3,911	4,122	9,105
Corporations in general	12,090	26,597	28,990	28,368
Franchise tax	8,463	22,663	25,535	24,989
Filing and qualification fees	3,627	3,934	3,455	3,379
Public utilities	4,784	4,651	6,765	8,406
Alcoholic Beverages	7,666	7,656	8,107	8,169
Occupations and businesses, n e c	19,534	19,620	22,313	24,128
Bank examinations	4,209	4,398	4,991	5,035
Soybean promotion	3,541	2,663	2,014	3,021
Corn promotion	3,595	2,109	2,640	2,613
Animal health and veterinarian fees	881	N/A	N/A	2,571
Insurance--Blue Sky fees	929	N/A	N/A	N/A
Insurance--license fees	991	1,715	3,207	2,269
Medical fees	750	N/A	838	866
Commercial feed tonnage	N/A	N/A	N/A	664
Nurses	574	646	796	640
Pharmacy board fees	489	547	N/A	N/A
Cosmetology	132	N/A	N/A	N/A
Employment service fees	538	532	N/A	N/A
Commercial fees	539	N/A	N/A	N/A
Real estate commission fees	409	424	N/A	N/A
Other	1,957	6,586	7,827	6,449
Hunting and fishing	11,696	11,935	13,068	21,318
Other	1,724	3,187	1,503	2,941
Aircraft registration	1,299	1,349	1,071	1,949
Boat registration	425	1,838	432	992
INDIVIDUAL INCOME (net)	1,064,816	1,172,573	1,271,689	1,343,571
Refunds	(170,311)	(195,437)	(173,943)	(182,581)
Gross collections	1,235,127	1,368,010	1,445,632	1,526,152
CORPORATION NET INCOME	158,040	202,685	199,558	201,929
DEATH AND GIFT--inheritance and estate	58,932	66,510	65,119	68,977
DOCUMENTARY AND STOCK TRANSFER	2,969	3,281	3,487	3,561

p = Preliminary

Source: "State Government Tax Collections in 1989, 1990, 1991," U.S. Department of Commerce, Bureau of the Census.

Per Capita State & Local Gov. Expenditures: IA/Midwest/U.S., 1989-90

State	Total General Expenditure	Higher Education	Elementary & Secondary Education	Public Welfare	Health and Hospitals	Highways	Police	Correction	Interest on General Debt
IOWA	$3,184.14	$433.55	$749.78	$437.70	$343.58	$344.85	$83.86	$44.86	$122.14
Illinois	$3,021.62	$257.24	$718.87	$396.79	$198.33	$264.16	$133.19	$65.04	$174.78
Indiana	$2,761.53	$324.30	$743.37	$360.48	$286.28	$189.11	$86.73	$57.49	$115.59
Kansas	$3,023.75	$380.06	$772.98	$305.90	$259.14	$330.72	$92.19	$84.75	$200.98
Michigan	$3,356.92	$381.97	$859.34	$502.65	$353.55	$200.12	$125.87	$103.11	$127.64
Minnesota	$3,913.55	$344.49	$917.95	$585.41	$343.52	$375.46	$102.83	$54.72	$248.46
Missouri	$2,440.77	$223.34	$714.89	$281.17	$230.77	$212.24	$96.59	$51.75	$128.40
Nebraska	$3,053.01	$388.31	$809.76	$336.12	$313.23	$331.80	$80.90	$52.65	$131.52
North Dakota	$3,395.51	$485.08	$788.43	$391.51	$134.96	$390.87	$61.82	$32.23	$219.55
Ohio	$2,954.32	$280.09	$767.48	$494.37	$245.28	$197.14	$103.11	$70.16	$136.61
South Dakota	$2,798.55	$233.79	$718.71	$282.08	$160.66	$395.69	$74.99	$43.86	$244.10
Wisconsin	$3,417.73	$392.59	$875.14	$550.97	$216.96	$277.55	$122.98	$71.25	$166.53
U.S.	$3,356.46	$295.20	$812.23	$444.37	$300.08	$245.50	$122.94	$99.05	$199.99

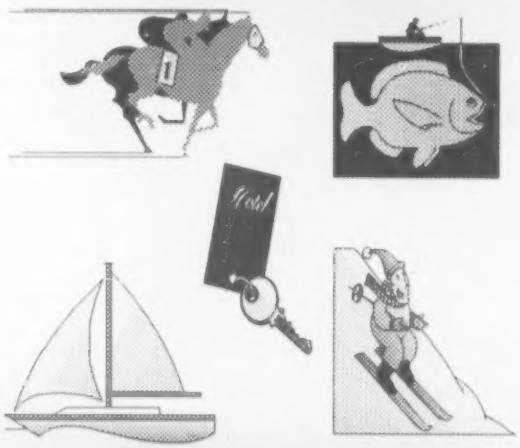
Source: "Government Finances in 1989-1990," United States Department of Commerce, Bureau of the Census.

TOURISM

Travel, vacations, conventions and outdoor life add up to two billion dollars a year in Iowa's growing tourism and travel industry. A 1992 study conducted at interstate welcome centers showed that the average travel party of 2.9 persons spent $111.98 each day they were in the state.

Named "The Beautiful Land" by Native Americans, Iowa has something for everyone. The state is dotted with historical sites, cultural facilities and terrain that can accommodate everything from downhill skiing to bicycling. Numerous hotels range from quaint to luxurious. There is an abundance of game and campgrounds, along with some of the finest golf courses in America.

Iowa has 19,000 miles of interior fishing streams, two major natural "great lake" areas and four large recreational and flood control reservoirs. The bordering Mississippi and Missouri Rivers offer water sports, scenery and the excitement of passenger or commercial water travel.



Impact of Travel on Iowa Counties, 1989

County	Total Travel Expenditures ($ Millions)	Travel Generated Payroll ($ Millions)	Travel Generated Employment (Thousands)	State Tax Receipts ($ Millions)	Local Tax Receipts ($ Millions)
Adair	$6.16	$0.71	0.08	$0.51	$0.07
Adams	2.25	0.31	0.03	0.19	0.03
Allamakee	3.66	0.44	0.04	0.25	0.13
Appanoose	5.12	0.63	0.06	0.37	0.09
Audubon	4.08	0.38	0.04	0.36	0.04
Benton	7.94	0.85	0.09	0.67	0.06
Black Hawk	84.25	14.41	1.74	4.07	0.94
Boone	13.33	1.54	0.15	0.92	0.12
Bremer	13.20	2.26	0.31	0.83	0.19
Buchanan	5.48	0.60	0.06	0.41	0.10
Buena Vista	8.86	1.19	0.13	0.61	0.09
Butler	2.13	0.25	0.03	0.17	0.02
Calhoun	3.44	0.35	0.03	0.29	0.04
Carroll	18.24	2.51	0.30	1.28	0.18
Cass	10.15	1.47	0.18	0.73	0.11
Cedar	7.43	0.98	0.12	0.56	0.12
Cerro Gordo	42.80	6.61	0.80	2.28	0.88
Cherokee	10.51	1.28	0.14	0.77	0.09
Chickasaw	4.86	0.59	0.07	0.38	0.06
Clarke	10.92	1.46	0.18	0.98	0.11
Clay	30.98	3.82	0.38	0.91	0.25
Clayton	10.82	1.41	0.17	0.94	0.23
Clinton	26.43	4.76	0.63	1.61	0.35
Crawford	5.94	0.82	0.09	0.38	0.06
Dallas	25.91	4.62	0.62	1.78	0.32
Davis	1.91	0.21	0.02	0.14	0.03
Decatur	3.61	0.40	0.04	0.29	0.07
Delaware	3.59	0.46	0.05	0.26	0.06
Des Moines	39.22	5.86	0.68	1.71	0.39
Dickinson	56.99	10.84	1.59	3.85	1.41
Dubuque	72.70	13.01	1.62	3.67	0.87
Emmet	6.51	0.71	0.07	0.52	0.07
Fayette	6.19	0.81	0.09	0.42	0.08
Floyd	7.58	0.98	0.10	0.41	0.06
Franklin	4.18	0.46	0.05	0.34	0.03
Fremont	4.51	0.71	0.10	0.26	0.07
Greene	6.09	0.64	0.06	0.52	0.06
Grundy	2.84	0.31	0.03	0.23	0.02
Guthrie	6.03	0.60	0.06	0.55	0.19

Impact of Travel on Iowa Counties, 1989 (continued)

County	Total Travel Expenditures ($ Millions)	Travel Generated Payroll ($ Millions)	Travel Generated Employment (Thousands)	State Tax Receipts ($ Millions)	Local Tax Receipts ($ Millions)
Henry	12.17	1.73	0.18	$0.67	0.12
Howard	2.19	0.26	0.03	0.16	0.03
Humboldt	4.43	0.49	0.05	0.35	0.04
Ida	2.46	0.28	0.03	0.19	0.03
Iowa	14.54	2.56	0.36	0.92	0.20
Jackson	7.95	1.03	0.11	0.57	0.11
Jasper	24.47	3.56	0.44	1.56	0.27
Jefferson	10.27	1.73	0.21	0.59	0.14
Johnson	71.75	12.29	1.60	4.09	0.88
Jones	18.65	2.22	0.25	1.79	0.12
Keokuk	3.50	0.32	0.03	0.31	0.05
Kossuth	5.85	0.68	0.07	0.44	0.05
Lee	24.55	3.73	0.48	1.41	0.29
Linn	215.72	35.08	4.36	9.43	2.39
Louisa	3.67	0.37	0.04	0.32	0.04
Lucas	14.71	1.74	0.17	0.72	0.10
Lyon	2.45	0.26	0.03	0.19	0.03
Madison	4.48	0.48	0.05	0.37	0.06
Mahaska	9.42	1.24	0.14	0.64	0.10
Marion	11.46	1.67	0.19	0.80	0.13
Marshall	28.75	4.42	0.54	1.95	0.31
Mills	2.64	0.28	0.03	0.21	0.03
Mitchell	2.78	0.30	0.03	0.22	0.04
Monona	4.60	0.54	0.06	0.36	0.07
Monroe	3.42	0.51	0.07	0.23	0.07
Montgomery	6.52	1.05	0.13	0.42	0.10
Muscatine	22.84	3.56	0.44	1.48	0.24
O'Brien	9.33	0.96	0.09	0.75	0.07
Osceola	1.85	0.20	0.02	0.15	0.02
Page	5.44	0.67	0.07	0.38	0.09
Palo Alto	2.46	0.32	0.03	0.18	0.06
Plymouth	9.62	1.12	0.12	0.75	0.08
Pocahontas	2.52	0.29	0.03	0.20	0.05
Polk	620.85	100.87	11.90	33.01	6.49
Pottawattamie	68.80	10.91	1.36	4.90	0.68
Powashiek	13.79	1.67	0.17	1.03	0.52
Ringgold	2.77	0.26	0.02	0.23	0.10
Sac	5.87	0.55	0.05	0.46	0.10
Scott	133.41	23.13	3.01	8.46	1.60
Shelby	4.17	0.52	0.05	0.31	0.05
Sioux	14.88	1.70	0.17	1.26	0.10
Story	51.46	7.94	1.02	3.29	0.58
Tama	5.40	0.70	0.08	0.42	0.06
Taylor	1.94	0.20	0.02	0.16	0.03
Union	8.94	1.13	0.13	0.65	0.10
Van Buren	2.08	0.30	0.04	0.15	0.04
Wapello	28.27	3.91	0.48	1.97	0.31
Warren	9.73	1.27	0.14	0.73	0.10
Washington	6.76	0.84	0.09	0.50	0.06
Wayne	2.04	0.20	0.02	0.16	0.05
Webster	26.53	3.84	0.47	1.52	0.27
Winnebago	3.62	0.41	0.04	0.29	0.04
Winneshiek	13.47	1.89	0.23	1.01	0.14
Woodbury	109.08	15.41	1.68	4.37	0.97
Worth	2.71	0.25	0.02	0.23	0.03
Wright	5.69	0.65	0.06	0.42	0.06
STATE TOTAL	$2,332.16	$358.84	43.19	$136.51	$27.27

NOTE: Details may not add up to totals due to rounding.

SOURCE: "The Economic Impact of U.S. Travel on Iowa Counties, 1989," U.S. Travel Data Center, July 1991.

Interstate Welcome Center Survey Results (May-September)

	1980	1985	1990	1991	1992
Percent of Visitors with Destination in Iowa	22%	31%	36%	36%	36%
Average Days Spent on Trip	16.5	13.0	16.1	16.2	16.0
Average Days Spent in Iowa	2.9	2.7	3.1	3.2	3.1
Average Travel Party Size	3.0	2.6	2.7	2.8	2.9
Average Party Spending Per Day	$57.12	$76.20	$96.17	$110.50	$111.98
Estimated Spending of Center Visitors	$8,297,970	$17,346,968	$31,371,607	$42,130,026	$41,309,897
Estimated Economic Impact of Center Visitor	$21,219,719	$46,054,970	$84,451,114	$112,588,930	$109,355,122

SOURCE: Iowa Department of Economic Development, Division of Tourism

Recreation Statistics, 1991

1991 Licenses Issued:

Resident Fishing Licenses	265,855
Resident Hunting Licenses	127,753
Resident Combination Licenses	82,060
Non-Resident Hunting Licenses	45,882
Non-Resident Fishing Licenses	18,320
Gun Deer Licenses	115,753
Bow and Arrow Deer Licenses	29,729
Landowner-Tenant Deer Licenses	34,065
Iowa Duck Stamps	32,646
Trout Stamps	24,059
Turkey Licenses	27,591
Acres of Public Hunting Areas	255,000
Acres of Public Waterfowl Refuges	42,000
Visitors to Public Hunting Areas	3,500,000
Surface Acres of River Boundary Waters	203,500
Farm Ponds in Southern Iowa	87,000
Acres of Natural Lakes	33,000
Acres of Artificial Lakes	23,000
Acres of Oxbow Lakes	2,000
Acres of Federal Reservoirs	34,300
Miles of Interior Fishing Streams	19,000
State Parks and Recreation Areas	83
Park and Recreation Visitors	11,736,761
State Parks with Lakes	42
State Parks with Camping	62
Acres of State Forests	33,000
Acres of State Preserve Areas	8,000
Acres of Iowa Forests	2,000,000

Wild Game Statistics

Species	# of Hunters	Game Harvested
Pheasant	202,000	1,140,000
Rabbits	83,000	437,100
Squirrel	63,000	407,200
Quail	63,000	231,800
Fall Turkey	3,100	1,400
Spring Turkey	23,000	8,100
Deer Bow	33,400	8,800
Deer Gun	69,900	69,900
Deer Muzzleloader	18,500	5,890

SOURCE: "1991 Quickie Facts and Figures," Iowa Department of Natural Resources

State Park Visitation & Camping Data, 1992

Area	Visitation	Camping
A. A. Call	53,200	414
Backbone	500,770	11,291
Beeds Lake	227,956	12,581
Bellevue	169,230	2,891
Big Creek	527,904	No Camping
Black Hawk	336,500	16,873
Bobwhite	52,174	1,398
Brushy Creek	45,500	7,425
Cedar Rock	11,794	No Camping
Clear Lake	163,000	16,842
Dolliver	185,600	3,080
Elk Rock	163,812	4,838
Fort Defiance	83,800	514
Geode	279,000	11,459
George Wyth	437,500	13,078
Green Valley	121,900	17,002
Gull Point Complex	989,600	70,918
Honey Creek	178,895	12,347
Lacey-Keosauqua	157,550	8,724
Lake Ahquabi	285,684	20,244
Lake Anita	200,550	18,491
Lake Darling	87,600	3,794
Lake Keomah	112,560	5,589
Lake Macbride	437,023	10,879
Lake Manawa	950,989	13,237
Lake of Three Fires	52,250	8,235
Lake Wapello	45,000	537
Ledges	297,000	19,612
Lewis and Clark	161,454	8,888
Maquoketa Caves	131,980	Closed
McIntosh Woods	157,845	7,561
Mines of Spain/E. B. Lyons	85,700	No Camping
Nine Eagles	87,319	5,501
Palisades-Kepler	174,720	5,051
Pikes Peak	157,862	15,743
Pilot Knob	78,500	3,668
Pine Lake	228,239	11,858
Pleasant Creek	370,600	12,091
Plum Grove	718	No Camping
Prairie Rose	149,572	8,692
Red Haw	251,000	10,055
Rock Creek	458,500	29,234
Shimek Forest Camping	------	671
Springbrook	152,990	12,282
Stephens Forest Camping	------	3,127
Stone Park	181,755	2,182
Union Grove	33,100	873
Viking Lake	248,771	24,175
Volga River	98,300	2,843
Walnut Woods	79,300	3,089
Wapsipinicon	414,400	1,691
Waubonsie	112,230	6,268
Wild Cat Den & Fairport	284,400	10,842
Wilson Island	135,600	17,888
Yellow River Camping	------	13,753
STATE TOTALS	11,380,196	530,319

SOURCE: Iowa Department of Natural Resources

Requests for Tourism Information*

Fiscal Year	1986	1987	1988	1989	1990	1991	1992
# of Requests	48,265	55,679	62,258	163,102	250,195	309,545	348,499

* This represents the letters, phone calls, coupons, etc., received by the Iowa Department of Economic Development requesting tourism information.

SOURCE: Iowa Department of Economic Development, Division of Tourism.

TRANSPORTATION

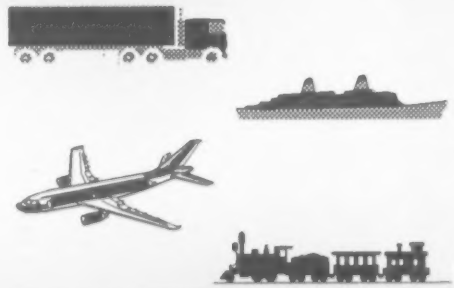
Iowa is an ideal central distribution point. The nation's two transcontinental interstate highways intersect and Iowa is the only state bordered by two navigable rivers.

Less than a day away are Chicago, Twin Cities, St. Louis, Kansas City, Milwaukee, Omaha, and Wichita - plus many wealthy markets in between.

A tractor trailer can reach the farthest point in America in only three days; a train in four.

The state is served by all major truck lines and "double bottoms" are legal. You can reach the sea by both water and road.

Add Iowa's transportation advantages to our "Open Port Warehousing" and you have the perfect combination for moving products.



Distance from Central Iowa to Urban Markets:

Iowa Transportation Summary

Railroads	
Classes I, II, and III miles of road owned and/or leased, Year ended 1991	4,361
Motor Vehicle Registrations, Jan.1, 1993	3,145,619
Autos	1,930,124
Trucks	704,913
Motorcycles	157,383
Truck tractors	8,142
Other motor vehicles	29,589
Trailers/miscellaneous vehicles	315,468
Airports-Publicly Owned	113
All weather runways	96
Lighted runways	108
Iowa Highway and Road Mileage-Jan. 1, 1992	
Portland concrete	13,169.12
Asphalt paved	22,774.05
Bituminous treated	2,094.84
Gravel or stone	69,688.58
Not surfaced	5,060.52
Total Highway and Road Mileage	112,787.11
Municipal	14,258.14
Rural	98,137.71
State park and institutional roads	391.26

Source: Iowa Department of Transportation

Iowa's Transportation Industry, 1990

SIC CODE	Industry	Total Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	Trans. & other public utilities-TOTAL	**3,694**	**56,883**	**1,355,661**
41	Local and interurban passenger transit	110	2,450	26,361
411	Local and suburban transportation	58	797	6,471
412	Taxicabs	19	193	1,370
415	School buses	11	191	1,372
42	Trucking and warehousing	2,123	25,336	549,578
421	Trucking, courier services, except air	1,934	23,504	517,192
422	Public warehousing and storage	102	1,493	26,410
423	Trucking terminal facilities	3	(A)	(D)
44	Water transportation	39	423	10,186
45	Transportation by air	88	1,234	25,342
451	Air transportation, scheduled	37	871	20,474
458	Airports, flying fields, and services	31	216	2,675
46	Pipe lines, except natural gas	14	187	7,487
47	Transportation services	290	1,833	32,477
472	Passenger transportation arrangement	204	1,082	16,902

Note: (A) : 0 to 19
(D) : withheld to avoid disclosing data for individual companies

Source: "1990 County Business Patterns," Iowa, U.S. Department of Commerce, Bureau of the Census.

Interstate Highway System

Iowa has more miles of roads than 39 other states, though we're only twenty-third in area.

Aside from interstate highways, Iowa's extensive internal road system is based on a "farm-to-market" philosophy that reflects the urgency of moving vast agricultural production.

Those same roads and highways, constantly improved, now also serves the industries that have been established in all parts of Iowa.

Public Transit

Iowa has 35 public transit systems; 19 urban and 16 regional (rural). During fiscal year 1992, these public transit systems provided approximately 21,147,000 miles of service, transporting 22,690,000 passengers.

	1987	1988	1989	1990	1991	1992
Urban Areas						
Miles of service (000)	9,744	9,572	10,216	9,968	10,830	10,651
Passengers (000)	18,287	18,480	18,669	18,918	19,794	19,021
Rural Areas						
Miles of service (000)	9,013	9,752	10,013	10,767	10,297	10,496
Passengers (000)	2,965	3,146	3,312	3,499	3,647	3,669
Total						
Miles of service (000)	18,757	19,324	20,229	20,735	21,127	21,147
Passengers (000)	21,252	21,626	21,981	22,417	23,441	22,690

Source: Iowa Department of Transportation, Air & Transit Division

Road Construction Expenditures, ($ Per Fiscal Year)

Fiscal Year	Primary Roads	Interstate Roads	State Parks and Institutional Roads	Farm to Market Roads	Total
1976-77	$99,076,327	$43,357,379	$679,271	$33,989,926	$177,102,904
1977-78	121,110,115	15,007,379	805,732	45,051,623	181,974,849
1978-79	105,277,146	54,518,440	1,437,092	47,287,367	208,520,045
1979-80	75,539,584	20,875,799	1,873,688	49,772,220	148,061,291
1980-81	74,174,384	33,638,590	2,011,011	64,563,285	174,387,270
1981-82	73,162,427	51,858,856	968,299	48,909,611	190,646,008
1982-83	118,742,693	68,773,026	1,572,330	57,221,855	246,309,906
1983-84	146,252,049	48,725,646	781,824	72,355,028	283,044,587
1984-85	156,796,566	46,457,143	2,280,998	75,107,808	280,642,515
1985-86	118,269,858	38,369,654	1,520,498	68,649,969	226,809,979
1986-87	113,760,057	38,981,550	1,657,830	61,980,219	216,379,656
1987-88	127,297,888	83,273,906	1,929,253	53,099,426	265,600,473
1988-89	166,464,503	44,106,075	2,451,395	61,337,123	274,359,096
1989-90	170,912,884	58,869,724	1,209,131	57,207,510	288,199,249
1990-91	193,247,619	91,634,090	2,973,892	72,552,847	360,408,448
1991-92	236,712,766	74,912,666	2,866,844	79,269,851	393,762,127

Source: Iowa Department of Transportation, Office of Contracts

Traffic Fatalities, Midwest*, 1987-1990

State	Traffic Deaths				Traffic Deaths Per 100 Million Vehicle Miles			
	1987	1988	1989	1990	1987	1988	1989	1990
IOWA	491	557	514	465	2.4	2.5	2.3	2.0
Illinois	1,654	1,837	1,748	1,589	2.2	2.3	2.2	1.9
Kansas	491	483	428	444	2.4	2.3	2.0	1.9
Minnesota	530	612	604	566	1.5	1.7	1.6	1.5
Missouri	1,045	1,103	1,052	1,097	2.4	2.4	2.2	2.2
Nebraska	297	261	296	262	2.3	1.9	2.1	1.9
South Dakota	134	147	152	153	2.1	2.2	2.3	2.2
Wisconsin	797	807	817	769	2.0	1.9	1.9	1.7
U.S.	46,390	47,093	45,555	44,529	2.4	2.3	2.2	2.1

* Denotes "Midwest" as defined by U.S. Department of Transporation.

Source: U.S. Department of Transportation, National Highway Traffic Safety Administration, Fatal Accident Reporting System (FARS)

Vehicle Registration by County, Jan. 1, 1993*

County	Total # of Registrations
Adair	10,851
Adams	6,208
Allamakee	16,940
Appanoose	16,820
Audubon	8,798
Benton	27,130
Black Hawk	127,164
Boone	29,219
Bremer	26,605
Buchanan	23,706
Buena Vista	22,979
Butler	20,210
Calhoun	14,265
Carroll	24,231
Cass	18,908
Cedar	21,310
Cerro Gordo	50,595
Cherokee	17,764
Chickasaw	16,962
Clarke	10,004
Clay	20,926
Clayton	23,145
Clinton	55,319
Crawford	20,143
Dallas	35,581
Davis	9,754
Decatur	9,572
Delaware	20,405
Des Moines	48,167
Dickinson	19,963
Dubuque	83,241
Emmet	14,571
Fayette	25,875
Floyd	20,965
Franklin	14,094
Fremont	10,967
Greene	13,517
Grundy	15,594
Guthrie	14,257
Hamilton	20,248
Hancock	15,417
Hardin	23,226
Harrison	18,602
Henry	21,618
Howard	12,384
Humbolt	14,054
Ida	10,867
Iowa	18,546
Jackson	23,585
Jasper	41,605
Jefferson	18,884
Johnson	81,727
Jones	22,168
Keokuk	14,463
Kossuth	23,039
Lee	42,883
Linn	181,401
Louisa	14,920
Lucas	11,236
Lyon	15,032
Madison	15,639
Mahaska	25,416
Marion	33,810
Marshall	43,700
Mills	16,122
Mitchell	13,673
Monona	13,336
Monroe	9,969
Montgomery	14,413
Muscatine	46,730
O'Brien	19,004
Osceola	9,743
Page	19,189
Palo Alto	12,450
Plymouth	27,778
Pocahontas	12,130
Polk	339,445
Pottawattamie	96,388
Poweshiek	22,220
Ringgold	7,125
Sac	15,186
Scott	156,817
Shelby	16,474
Sioux	33,026
Story	64,186
Tama	21,987
Taylor	8,791
Union	15,524
Van Buren	9,886
Wapello	40,555
Warren	40,644
Washington	22,964
Wayne	8,893
Webster	44,024
Winnebago	15,384
Winneshiek	22,449
Woodbury	101,624
Worth	10,565
Wright	17,084
Unknown	966
Official Plates	47,680
Total	3,145,619

* Includes both motor vehicles and non-motor vehicles.

Source: Iowa Department of Transportation, Office of Vehicle Registration.

River Transportation

Iowa is the only state bordered by two navigable rivers. A total of 17.7 million tons of cargo moved through Iowa's 78 river terminals in 1990. The total included more than 9.4 million tons of grain, 3.6 million tons of coal, and more than 0.5 million tons of petroleum.

Commercial Navigation Tonnage (in Thousands)

	1970	1975	1980	1985	1990	1991	1992
Missouri River--Sioux City to Omaha							
Farm Products	93	30	59	31	11	N/A	N/A
Food and Kindred Products	113	134	148	212	38	N/A	N/A
Chemicals	118	142	86	130	101	N/A	N/A
Other	49	60	57	93	21	N/A	N/A
Total	373	366	350	466	171	N/A	N/A
Mississippi River--Rock Island District							
Grain	9,022	12,054	22,774	19,627	29,565	25,555	26,703
Coal	6,401	4,933	4,176	6,024	7,022	6,077	6,441
Petroleum	2,709	2,100	2,587	1,734	2,466	1,326	1,051
Other	4,278	5,418	4,818	6,590	8,983	9,203	10,033
Total	22,410	24,505	34,355	33,975	48,036	42,161	44,228

Note: Tonnage figures for 1991 and 1992 are preliminary and subject to revision.

Source: Iowa Department of Transportation, Office of Advance Planning

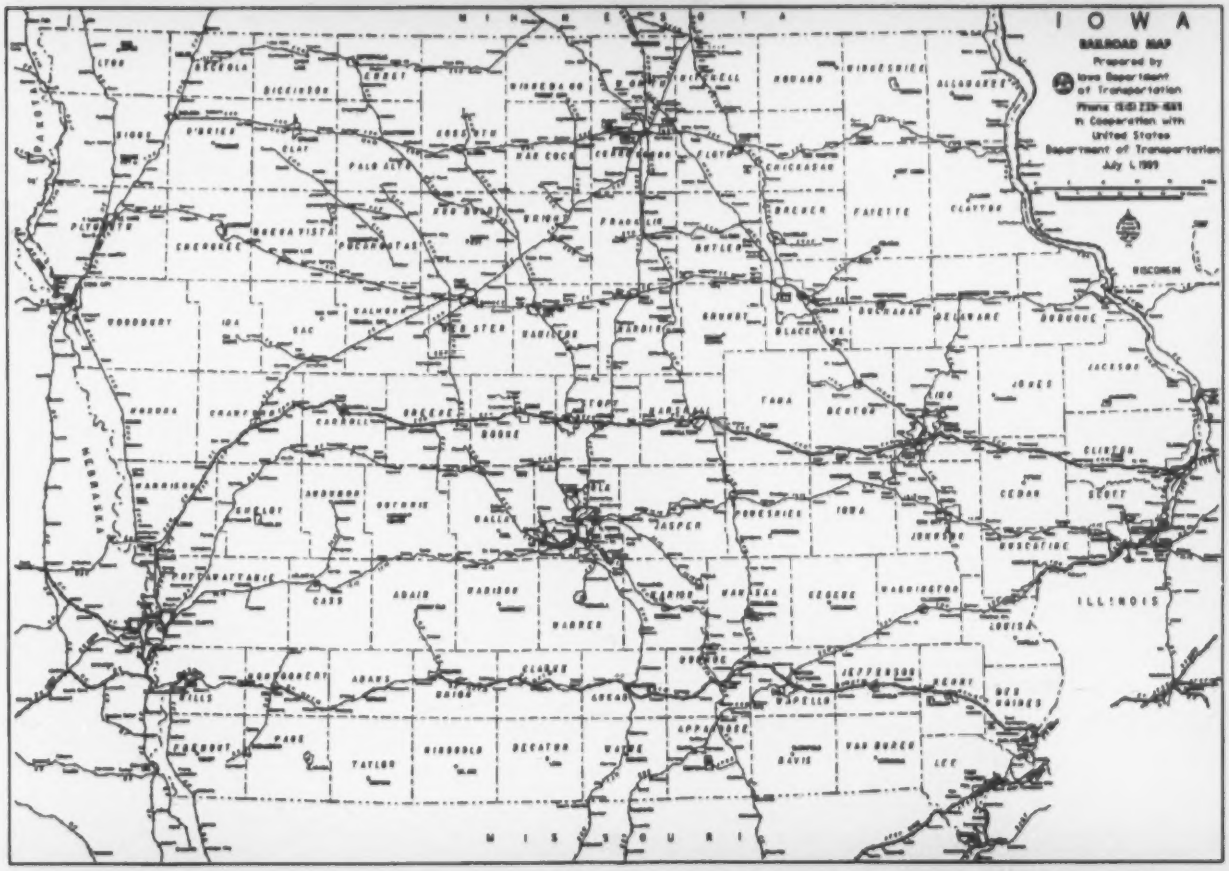
Rail Transportation

Six Class I, two Class II, and thirteen Class III railroads currently own or lease 4,361 miles of road in Iowa. The six Class I railroads--Chicago & North Western; Burlington Northern; Soo Line; Norfolk and Western: Atchison, Topeka, and Santa Fe; and Union Pacific--account for 70 percent of this mileage.

The Class II carriers--Chicago Central and Pacifc and Iowa Interstate--account for another 21 percent. A third Class II carrier--Dakota, Minnesota & Eastern--operates in Iowa through trackage rights.

The remaining 9 percent of mileage is accounted for by the thirteen Class III carriers. Railroads serving Iowa also offer "piggyback" and container services at 10 Iowa locations.

Iowa Railroads



Class I, II, and III Railroads, Iowa

	1970	1975	1980	1985	1990	1991
Miles of road owned/leased within the state	8,464	7,951	5,292	4,201	4,407	4,361
Tons of revenue freight carried within the state	93,916,708	112,680,340	137,294,000	121,092,920	196,449,000	197,270,000

Note: The Interstate Commerce Commission classifies railroads into three classes according to operating revenue: Class I--greater than 94.4 million; Class II--greater than or equal to 18.9 million; Class III--less than 18.9 million.

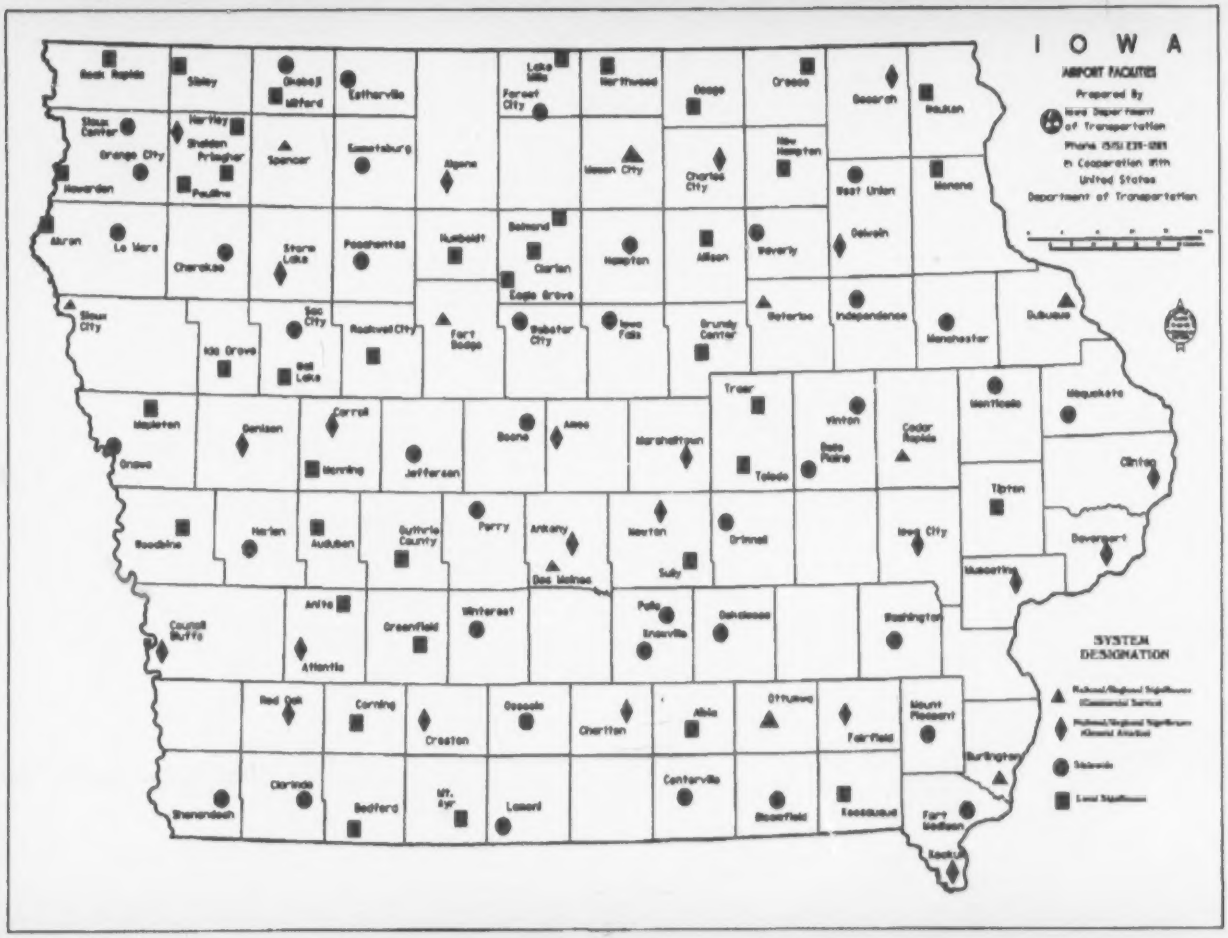
Source: Iowa Department of Transportation, Office of Advance Planning.

Air Transportation

Iowa has more than 255 airports, of which 139 are open to the public. Of these, 113 are publicly owned and are included in the State Aviation System Plan. Paved primary runways are available at 96 system airports, and 108 are lighted.

The state is served by six major airlines, America West, American, Northwest, TWA, United, and U.S. Air. All 10 commercial service airports are served by commuter.

Iowa Publicly-Owned Airports

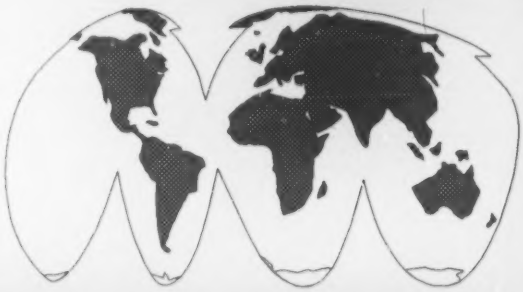


Registered Aircraft

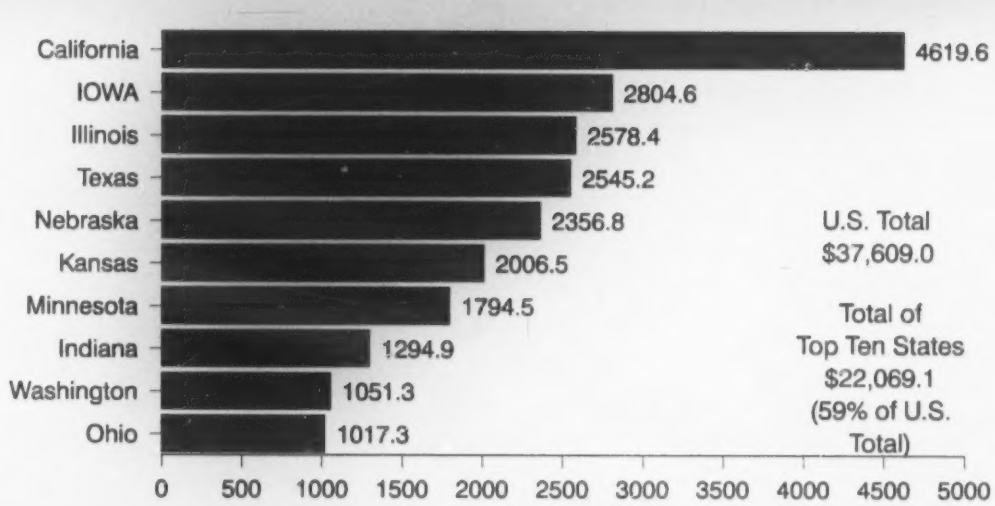
	1970	1975	1980	1985	1990	1991
Number of Registered Aircraft in Iowa	2,565	3,084	3,492	2,962	2,514	2,626

Source: Iowa Department of Transportation, Office of Advance Planning.

EXPORTS



Top Ten States in Agricultural Exports, FY 1991



Source: FATUS, May/June, 1992; U.S.D.A.

Five Leading States in Agricultural Exports by Commodity Group FY 91

(Millions of dollars)

Selected Commodities	Rank 1	2	3	4	5	United States
	Calif.	IOWA	Ill.	Texas	Nebr.	
Total	4,619.6	2,804.6	2,578.4	2,545.2	2,356.8	37,609.0
	Ill.	IOWA	Minn.	Ind.	Ohio	
Soybeans and prods.	857.1	791.8	433.3	413.9	327.8	4,651.4
	IOWA	Ill.	Nebr.	Minn.	Ind.	
Feed grains and prod.	1,270.2	1,090.9	891.6	646.5	571.2	6,904.7
	Nebr.	Kan.	Texas	IOWA	Ky.	
Live animals and meat	481.6	475.7	425.4	279.1	267.3	3,319.8
	Kan.	Nebr.	Texas	Col.	IOWA	
Hides and skins	271.6	260.6	233.7	90.5	81.8	1,453.0
	Nebr.	IOWA	Kan.	Texas	Minn.	
Feeds and fodders	131.6	105.8	91.5	91.2	74.6	1,066.4
	Kan.	Nebr.	Texas	Col.	IOWA	
Animal Fats	79.7	76.5	68.6	26.6	24.0	418.6

Source: May/June, 1992; FATUS, U.S.D.A.

Value of Agricultural Exports, Iowa/U.S. (Millions of Dollars)

Commodities	Iowa			United States			Iowa's % of U.S. share		
	1989	1990	1991	1989	1990	1991	1989	1990	1991
Wheat and products	$4.0	$6.8	$3.4	$6,330.7	$4,477.1	$3,128.8	0.06%	0.15%	0.11%
Feed grains and products	$1,407.6	$1,644.4	$1,270.2	$8,345.8	$9,070.9	$6,904.7	16.87%	18.13%	18.40%
Soybeans and products	$943.9	$887.0	$791.8	$5,822.0	$5,284.0	$4,651.4	16.21%	16.79%	17.02%
Vegetables and preps	$3.1	$5.4	$6.4	$1,542.3	$2,078.8	$2,596.9	0.20%	0.26%	0.25%
Live animals & meat, ex. poultry	$235.7	$245.3	$279.1	$2,830.2	$2,817.6	$3,319.8	8.33%	8.71%	8.41%
Hides and skins	$94.7	$102.4	$81.8	$1,713.0	$1,793.8	$1,453.0	5.53%	5.71%	5.63%
Poultry and products	$6.3	$8.8	$12.1	$721.2	$901.8	$1,004.0	0.87%	0.98%	1.21%
Fats, oils, and greases	$30.3	$26.2	$24.0	$530.8	$459.2	$418.6	5.71%	5.71%	5.73%
Dairy products	$15.2	$11.3	$9.6	$474.7	$358.0	$293.4	3.20%	3.16%	3.27%
Feed and Fodders	$108.2	$108.9	$105.8	$1,062.4	$1,049.6	$1,066.4	10.18%	10.38%	9.92%
Seeds	$19.0	$21.8	$23.5	$498.9	$572.7	$618.4	3.81%	3.81%	3.80%
Other*	$122.6	$155.6	$197.5	$9,738.8	$11,356.2	$12,153.6	1.26%	1.37%	1.63%
TOTAL	$2,990.6	$3,223.9	$2,805.2	$39,610.8	$40,219.7	$37,609.0	7.55%	8.02%	7.46%

* Other for Iowa includes miscellaneous animal products, coffee, tea, spices, and sugar. Other for U.S. includes rice, sunflowerseeds and oil, peanuts and products, cotton and linters, cottonseed and products, unmanufactured tobacco, fruits and preps, tree nuts, miscellaneous animal products, coffee, tea, spices, and sugar.

Source: May/June, 1992; FATUS, U.S.D.A.

Exports* from Iowa by Country, 1992

Country	Exports	Country	Exports
CANADA	$760,381,152	MALAYSIA	$15,242,053
JAPAN	$511,138,789	BRAZIL	$14,100,439
MEXICO	$199,977,057	REPUBLIC OF SOUTH AFRICA	$13,329,520
FEDERAL REPUBLIC OF GERMAN	$138,110,311	RUSSIA	$11,334,776
NETHERLANDS	$121,571,314	GREECE	$10,474,777
UNITED KINGDOM	$114,108,457	INDONESIA	$10,229,567
FRANCE	$106,734,607	SWEDEN	$10,010,491
SOUTH KOREA	$104,730,936	YUGOSLAVIA	$9,520,424
ITALY	$90,100,512	SWITZERLAND	$9,039,542
AUSTRALIA	$67,954,648	DENMARK	$8,924,573
BELGIUM	$60,632,161	IRELAND	$8,697,794
CHINA (TAIWAN)	$53,246,933	NEW ZEALAND	$8,370,223
SINGAPORE	$34,092,715	COLOMBIA	$8,026,639
SAUDI ARABIA	$30,892,361	EGYPT	$6,955,546
CHINA (MAINLAND)	$25,859,100	ECUADOR	$5,754,757
SPAIN	$25,587,202	POLAND	$5,512,872
VENEZUELA	$21,440,467	KUWAIT	$5,181,129
HONG KONG	$20,626,407	PHILIPPINES	$5,122,682
ARGENTINA	$20,181,157	ALL OTHERS	$82,461,222
ISRAEL	$18,874,826		
THAILAND	$18,723,308	TOTAL	$2,563,255,351
CHILE	$18,290,931		

* Exports are figured by state of origin of movement. Does not include grain or oilseed shipments of unknown origin to Canada for re-export.

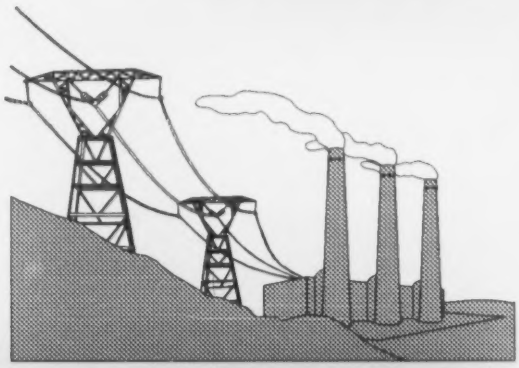
Source: Massachusetts Institute for Social and Economic Research (MISER), University of Massachusetts.

Export Shipments from Iowa by Industry, 1992

S.I.C. Group	Product Category	Total Value Of Shipments*
1	Agricultural production crops	$105,505,237
2	Agricultural production livestock & animal specialties	$16,529,201
8	Forestry	$60,784
9	Fishing, hunting, and trapping	$7,626,068
10	Metal mining	$432,983
12	Coal mining	$1,290,079
14	Mining & quarrying of nonmetallic minerals, except fuels	$333,932
20	Food and kindred products	$701,938,960
22	Textile mill products	$6,158,824
23	Apparel & other finished products made from fabrics	$8,374,138
24	Lumber and wood products, except furniture	$27,396,588
25	Furniture and fixtures	$30,789,753
26	Paper and allied products	$22,246,273
27	Printing, publishing, and allied industries	$35,313,143
28	Chemicals and allied products	$176,517,919
29	Petroleum refining and related industries	$457,471
30	Rubber and miscellaneous plastics products	$112,290,889
31	Leather and leather products	$2,053,056
32	Stone, clay, glass, and concrete products	$6,613,067
33	Primary metal industries	$121,682,397
34	Fabricated metal prod, except machinery & trans. equipment	$95,863,006
35	Industrial & commercial machinery & computer equipment	$740,805,443
36	Electronic & electrical equipment, except computer equipment	$225,949,034
37	Transportation equipment	$132,888,053
38	Measuring, analyzing, and controlling instruments; photographic, medical, optical goods; watches & clocks	$163,866,405
39	Miscellaneous manufacturing industries	$53,704,313
91	Scrap and waste	$5,136,025
92	Second hand goods	$928,138
98	Canadian, non-Canadian goods returned to Canada	$3,529,773
99	Military equipment, antiques, donations, & misc. equipment	$5,263,425

* Exports are figured by state of origin of movement. Does not include grain or oilseed shipments of unknown origin to Canada for re-export.

Source: Massachusetts Institute for Social and Economic Research (MISER), University of Massachusetts.



Gas Utility Industry Average Prices, 1991

By State and Class of Service, ($/MMBtu)

State	Total	Class of Service				
		Residential	Commercial	Industrial	Electric Generation	Other
U.S. Average	$4.65	$5.66	$4.85	$3.19	$2.65	$3.24
Alabama	5.17	6.92	5.20	2.99	2.48	4.19
Alaska	3.66	4.23	3.70	*	2.91	*
Arizona	4.26	6.85	4.87	2.71	1.20	3.87
Arkansas	4.25	4.85	4.30	3.01	**	3.21
California	5.12	6.13	5.98	3.78	3.29	3.03
Colorado	4.22	4.43	3.92	3.85	3.14	3.84
Connecticut	6.89	8.51	6.74	4.64	4.52	8.28
Delaware	4.43	5.65	4.65	3.26	2.76	2.56
District of Columbia	6.10	7.21	5.43	*	*	*
Florida	4.01	7.92	4.70	3.03	2.41	3.92
Georgia	5.43	6.71	5.59	3.20	2.75	5.54
Hawaii	13.44	18.04	11.10	14.57	*	*
Idaho	4.61	5.03	4.26	3.76	*	**
Illinois	4.55	4.75	4.28	3.59	3.84	2.37
Indiana	4.80	5.36	4.55	3.50	3.28	3.77
IOWA	4.09	4.76	3.94	2.62	2.25	3.33
Kansas	3.99	4.37	3.68	2.84	2.73	3.27
Kentucky	4.24	4.73	4.39	3.22	*	2.80
Louisiana	3.24	5.69	5.12	2.44	2.02	1.76
Maine	5.20	6.86	6.02	3.98	*	*
Maryland	5.22	6.14	5.04	4.28	2.28	3.53
Massachusetts	6.08	7.58	6.16	4.13	2.22	4.91
Michigan	4.65	4.76	4.46	4.03	3.61	4.11
Minnesota	3.95	4.51	4.07	2.64	1.90	3.45

Gas Utility Industry Average Prices, 1991 (continued)

By State and Class of Service, ($/MMBtu)

State	Total	Class of Service				
		Residential	Commercial	Industrial	Electric Generation	Other
Nevada	4.86	5.46	4.21	3.98	3.44	3.95
New Hampshire	6.16	7.15	6.32	4.24	*	6.62
New Jersey	5.44	6.55	5.10	3.61	2.62	4.81
New Mexico	4.65	5.13	4.12	3.86	3.78	3.52
New York	6.52	7.25	5.83	4.74	2.49	5.04
North Carolina	4.29	6.02	4.49	3.20	2.83	6.43
North Dakota	4.35	4.59	4.15	2.94	3.93	**
Ohio	4.88	5.08	4.64	4.00	3.13	3.90
Oklahoma	3.01	4.66	3.97	1.63	1.78	2.79
Oregon	5.00	5.97	4.65	3.28	5.25	*
Pennsylvania	6.00	6.49	6.06	3.86	3.15	5.67
Rhode Island	6.58	7.61	5.87	5.44	2.86	5.16
South Carolina	4.21	6.88	5.66	3.01	2.65	3.11
South Dakota	4.20	4.77	4.09	2.96	*	*
Tennessee	4.13	4.89	4.64	3.17	2.38	3.01
Texas	3.11	5.59	4.60	2.17	2.31	2.49
Utah	4.70	5.07	4.18	3.43	4.70	4.76
Vermont	4.74	6.47	6.11	3.10	1.88	11.53
Virginia	5.57	6.97	4.95	3.53	4.24	5.80
Washington	3.39	4.51	3.82	2.05	4.18	3.51
West Virginia	5.66	6.21	5.45	2.81	2.89	4.45
Wisconsin	4.78	5.60	4.38	3.52	2.45	3.59
Wyoming	4.24	4.57	4.17	2.78	*	4.33

** No Sales reported.*

*** Less than 0.05 Trillion Btu in sales.*

Source: "1992 Gas Facts," American Gas Association.

Ranking of Gas Utility Prices by State, July 1992

State	INDUSTRIAL Price per Mcf	Rank	COMMERCIAL Price per Mcf	Rank
Alabama	$2.64	39	$5.97	7
Alaska	$1.17	48	$2.48	51
Arizona	$4.21	6	$5.08	17
Arkansas	$2.99	27	$4.36	40
California	$3.49	18	$4.39	38
Colorado	$1.91	45	$4.25	42
Connecticut	$4.21	5	$6.39	5
Delaware	2.93	32	$5.14	16
District of Columbia	N/A	N/A	$4.70	29
Florida	$2.96	31	$4.81	26
Georgia	$3.14	25	$5.46	11
Hawaii	N/A	N/A	$13.24	1
Idaho	N/A	N/A	$4.63	31
Illinois	$3.68	13	$5.52	10
Indiana	$2.99	28	$4.81	27
IOWA	$3.15	23	$4.54	33
Kansas	$2.41	42	$2.89	50
Kentucky	$2.86	35	$4.49	35
Louisiana	$1.77	47	$4.72	28
Maine	$3.36	19	$5.55	9
Maryland	$3.77	10	$5.26	14
Massachusetts	$3.58	15	$3.89	45
Michigan	$4.06	8	$5.33	12
Minnesota	$2.89	34	$3.95	44
Mississippi	$2.23	43	$3.53	48
Missouri	$3.63	14	$4.92	24
Montana	$3.54	16	$5.03	18
Nebraska	$2.79	37	$3.67	46
Nevada	$4.28	4	$4.37	39
New Hampshire	$3.71	11	$7.21	3
New Jersey	$2.97	30	$5.02	19
New Mexico	$2.98	29	$3.50	49
New York	$4.96	1	$5.71	8
North Carolina	$3.14	24	$4.92	23
North Dakota	$3.19	22	$5.00	20
Ohio	$4.46	3	$4.63	32
Oklahoma	$1.98	44	$4.12	43
Oregon	$3.29	21	$4.94	22
Pennsylvania	$3.99	9	$6.78	4
Rhode Island	$4.69	2	$5.32	13
South Carolina	$2.70	38	$5.24	15
South Dakota	$3.04	26	$4.39	37
Tennessee	$2.92	33	$4.82	25
Texas	$1.88	46	$3.57	47
Utah	$3.69	12	$4.42	36
Vermont	$3.32	20	$6.15	6
Virginia	$4.15	7	$4.99	21
Washington	$2.61	40	$4.52	34
West Virginia	$2.44	41	$7.55	2
Wisconsin	$3.52	17	$4.68	30
Wyoming	$2.81	36	$4.26	41
U.S. Average	$2.50		$4.63	

Mcf = Million Cubic Feet

Source: Department of Energy, Natural Gas Monthly, October 1992. (Numbers subject to revision)

Total Iowa Energy Consumption, 1987-90

	Primary Energy Deliveries			
Energy Type	**1987**	**1988**	**1989**	**1990**
Motor Gas (thous. barrels)	31,614	32,552	32,558	31,502
Distillate (thous. barrels)	15,762	15,946	14,961	15,223
L.P. (thous. barrels)	6,098	6,612	7,209	6,383
Residual fuel (thous. barrels)	117	256	182	125
Aviation/Jet Fuel (thous. barrels)	889	858	861	990
Natural Gas (bil. cub. ft.)	203	239	226	218
Coal (thous. short tons)	15,191	16,114	17,126	17,929
Nuclear Electric (mil. Kwh)	2,523	3,163	3,139	3,012
Hydroelectric (mil. Kwh)	971	699	673	858
Net Interstate Flow of Electricity/Losses (mil. Kwh)	6,651	4,751	3,748	532

Source: Energy Information Administration, State Energy Data Report; Consumption Estimates 1960-1990, May 1992.

Iowa's Primary Energy Use, 1987-90

	Percent of Total			
Source	**1987**	**1988**	**1989**	**1990**
Coal	33.36%	33.12%	34.94%	36.88%
Natural Gas	23.77%	26.05%	24.99%	24.43%
Asphalt, Road Oil, & Lubricants	1.89%	2.04%	1.71%	1.62%
Aviation and Jet Fuel	0.58%	0.51%	0.53%	0.61%
Distillate Fuel	10.66%	10.05%	9.54%	9.86%
Kerosene	0.07%	0.06%	0.04%	0.06%
LP	2.59%	2.61%	2.91%	2.57%
Motor Gasoline	19.29%	18.50%	18.73%	18.40%
Residual Fuel/Other Petroleum	0.74%	0.78%	0.72%	0.77%
Nuclear	3.16%	3.68%	3.69%	3.58%
Renewables*	1.24%	0.84%	0.79%	1.01%
Electricity Losses	2.64%	1.75%	1.40%	0.20%

*** Renewables include hydroelectric, wood, waste, wind, photovoltaic, and solar.**

Source: Energy Information Administration, State Energy Data Report; Consumption Estimates 1960-1990, May 1992.

Major Components of Iowa's Energy Cost, 1991

	Cost (millions)	**Percent**
Electricity	1,745.1	34%
Gasoline	1,552.2	30%
Natural gas	803.0	16%
Coal (industrial and commercial use)	76.4	1%
Other	987.2	19%
TOTAL	5,163.9	100%

Source: "1991 Quickie Facts and Figures," Iowa Department of Natural Resources.

Total Energy Consumption by Source, Iowa, 1980-90

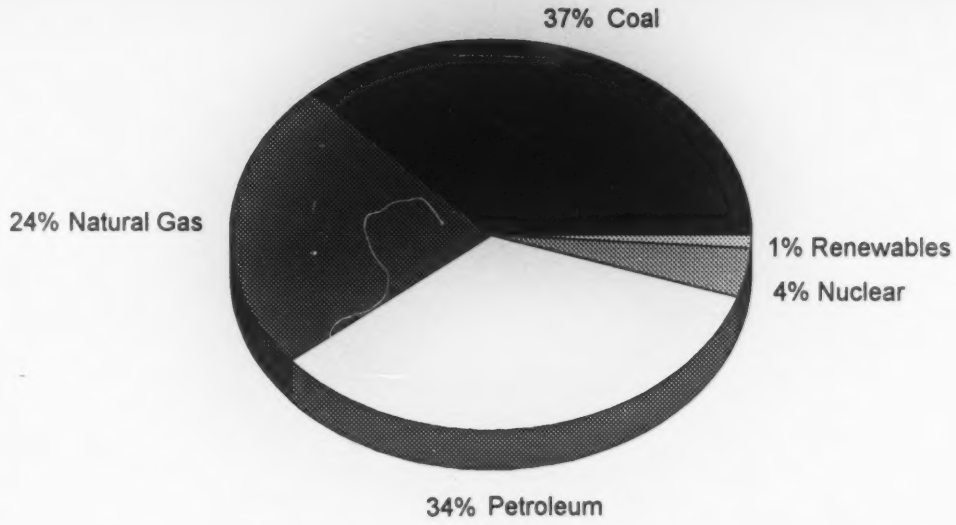
(Trillion Btu)

Year	Coal	Natural Gas	Petroleum	Nuclear	Renewables*	Electricity Losses	Total
1980	234.4	270.4	373.1	28.0	10.1	44.5	960.5
1981	252.1	254.0	338.4	24.3	10.5	49.4	928.7
1982	243.9	239.0	346.6	25.1	9.8	58.7	923.1
1983	253.7	223.6	324.9	25.2	10.2	64.0	901.5
1984	251.5	238.4	317.5	29.3	10.0	33.3	880.0
1985	268.8	228.4	318.9	20.8	21.8	20.4	879.1
1986	262.1	209.0	320.6	32.3	10.5	30.0	864.5
1987	287.3	204.7	308.5	27.2	10.7	22.7	861.0
1988	306.1	240.8	319.5	34.0	8.3	16.2	924.3
1989	319.0	228.2	312.2	33.7	7.2	12.8	913.0
1990	331.7	219.7	304.8	32.2	9.1	1.8	899.2

* Renewables includes hydroelectric, wood, waste, wind, photovoltaic and solar thermal.

Source: Energy Information Administration, State Energy Data Report; Consumption Estimates 1960-1990, May 1992.

Energy Use by Source, Iowa 1990



*Renewable include hydroelectric, wood, waste, wind, photovoltaic and solar thermal.

Note: Sources less than 1% are not listed

Source: Energy Information Administration, State Energy Data Report; Consumption Estimates 1960-1990, May 1992

Expenditures of Energy*, Iowa, 1980-89

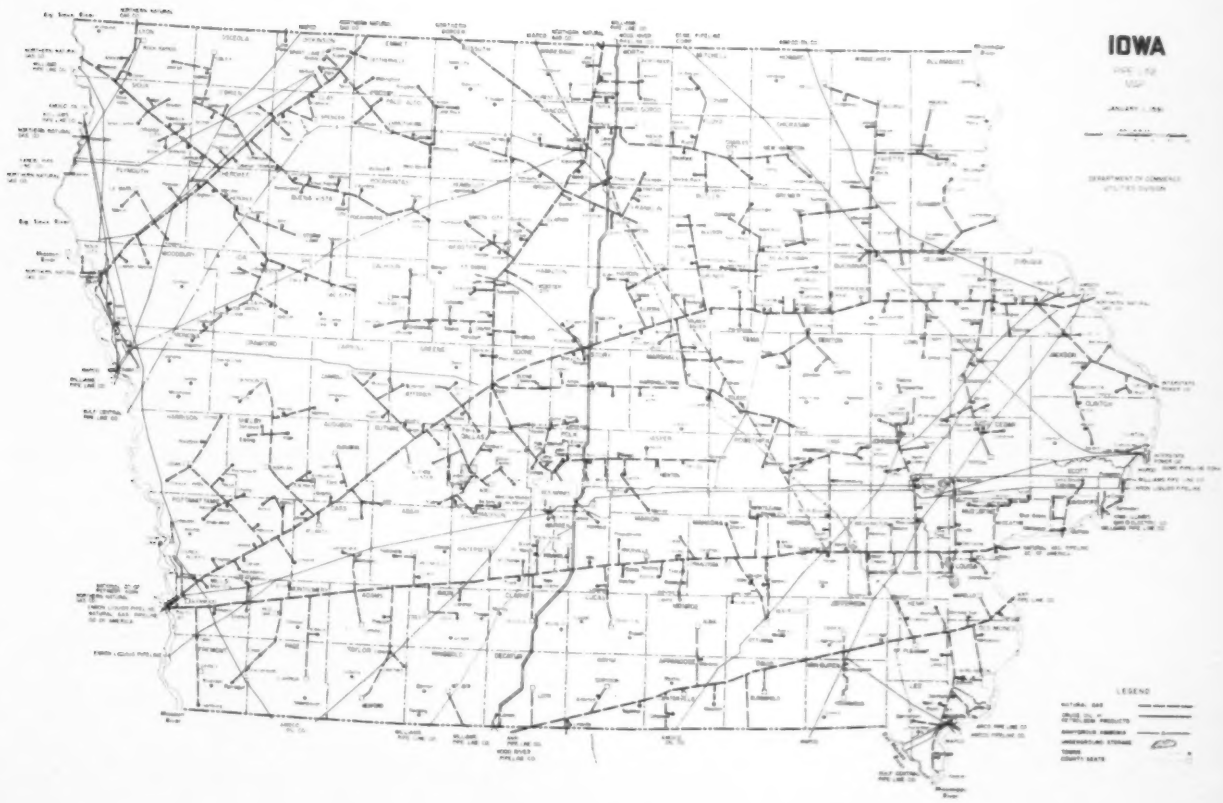
(Millions of Dollars)

Year	Coal	Natural Gas	Petroleum	Electricity	Total
1980	55.6	719.9	3,032.4	1,184.5	4,992.4
1981	66.3	831.7	3,167.6	1,433.5	5,499.0
1982	66.8	963.8	3,069.4	1,561.9	5,661.9
1983	63.2	1,025.3	2,714.2	1,745.1	5,547.7
1984	64.8	1,071.6	2,748.9	1,653.2	5,538.5
1985	72.6	1,003.4	2,746.5	1,666.6	5,489.0
1986	67.0	851.8	2,241.4	1,731.1	4,891.3
1987	78.8	713.4	2,135.4	1,687.4	4,615.0
1988	73.8	874.1	2,162.7	1,731.0	4,841.6
1989	79.9	777.6	2,428.0	1,695.0	4,980.5

* Expenditures on energy from four primary sectors (residential, commercial, industrial, and transportation).

Source: Energy Information Administration, State Energy Price and Expenditure Data System, (SEPEDS).

Pipelines Serving Iowa

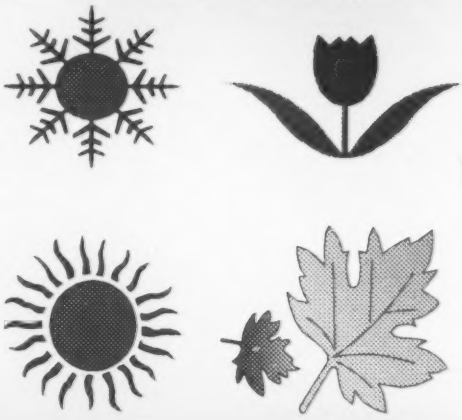


CLIMATE

Iowa's four distinct seasons provide a climate that is classified as humid continental. Temperatures vary through a wide range, arriving at an annual average of 48 degrees. A typical year provides 203 days with considerable sunshine and 162 days with less than 25% sunshine. Average annual sunshine is about 60% of the possible. Since much of the average 32 inches of rain comes during the growing season, Iowa's climate is ideal for agriculture. Winter snowfall averages 32 inches, and relative humidity averages 70 percent.

Clean air and clean water have been maintained in abundance in the state, with enforcement of pollution laws assuring their existence in the future.

Located between the Upper Mississippi and the Missouri Rivers, the State of Iowa comprises 56,000 square miles with an extreme north-south distance of 205 miles and extreme east-west distance of 310 miles. Primarily rolling prairie, elevation changes are small across the State, varying from 1670 feet in Osceola County in the northwest to 480 feet at the mouth of Des Moines River in the southeast. Some rugged terrain, mainly of forest soils, may be found in the northeast, yet most of the state's natural lakes are located in the northwest.



Normal Temperature and Precipitation, 1961-1990

	Normal Temperature						Normal Precipitation				
City	Dec. Jan. Feb.	Mar. Apr. May	June July Aug	Sept. Oct. Nov.	Year	City	Dec. Jan. Feb.	Mar. Apr. May	June July Aug.	Sept. Oct. Nov.	Year
Burlington	25.1	50.9	73.4	53.4	50.7	Burlington	4.38	10.13	12.18	9.37	36.06
Carroll	20.1	47.6	71.5	49.5	47.2	Carroll	2.53	9.85	13.08	7.43	32.89
Cedar Rapids	21.1	48.4	71.8	50.9	48.1	Cedar Rapids	3.62	9.22	12.67	8.21	33.72
Council Bluffs/Omaha	23.6	50.5	74.1	52.4	50.1	Council Bluffs/Omaha	2.36	9.23	10.39	7.41	29.39
Creston	23.9	50.1	72.9	52.3	49.8	Creston	2.98	10.11	12.80	8.90	34.79
Davenport/Moline	23.4	49.7	73.0	52.4	49.6	Davenport/Moline	5.00	11.18	13.44	9.46	39.08
Decorah	18.9	47.0	70.7	49.7	46.6	Decorah	2.77	9.12	12.30	7.82	32.01
Des Moines	22.8	50.2	74.1	52.5	49.9	Des Moines	3.39	9.35	12.44	7.94	33.12
Dubuque	19.6	46.7	70.0	49.5	46.4	Dubuque	4.54	10.87	12.84	10.11	38.36
Fort Dodge	19.6	47.6	71.5	49.7	47.1	Fort Dodge	2.82	9.43	13.71	7.97	33.93
Mason City	16.0	44.8	70.0	47.7	44.6	Mason City	2.66	9.29	13.68	8.18	33.81
Ottumwa	24.2	50.7	74.1	53.2	50.6	Ottumwa	3.32	9.52	12.14	9.15	34.13
Rock Rapids	16.8	46.1	71.4	47.7	45.5	Rock Rapids	1.97	7.15	11.18	6.13	26.43
Sioux City	21.0	49.2	73.1	50.5	48.5	Sioux City	2.04	7.97	9.95	5.90	25.86
Spencer	17.4	46.0	70.6	47.8	45.5	Spencer	1.92	8.18	11.95	6.44	28.49
Waterloo	18.3	47.6	70.8	49.2	46.5	Waterloo	3.18	9.68	12.94	7.90	33.70
State of IOWA	21.4	48.7	72.1	51.0	48.3	State of IOWA	3.05	9.33	12.59	8.14	33.11

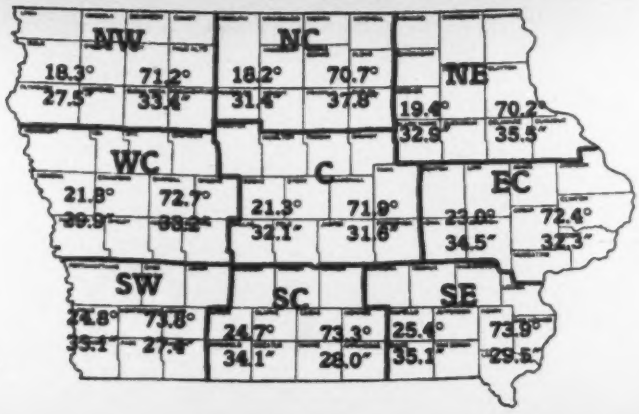
Source: U.S. Department of Commerce, National Climatic Data Center

Climate Areas in Iowa

LEGEND

Average winter temperature
(F degrees for December, January and February)

Average summer temperature
(F degrees for June, July and August)



Source: Iowa Department of Agriculture and Land Stewardship, State Climatology Office

Climate: Monthly and Annual Averages

(1961-1990)

Precipitation	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	0.57	0.71	1.89	2.63	3.43	4.20	3.69	3.78	3.29	2.04	1.24	0.86	28.33
North Central	0.80	0.86	2.01	3.07	3.87	4.54	4.34	4.04	3.69	2.37	1.58	1.14	32.31
Northeast	0.90	1.01	2.13	3.26	3.90	4.27	4.20	4.29	3.86	2.49	1.97	1.41	33.69
West Central	0.70	0.81	2.13	2.89	4.15	4.45	3.70	3.67	3.58	2.39	1.37	1.01	30.85
Central	0.83	0.97	2.18	3.23	4.06	4.81	4.15	4.10	3.59	2.58	1.71	1.22	33.43
East Central	1.10	1.03	2.37	3.36	3.87	4.51	4.17	4.29	3.91	2.58	2.22	1.70	35.11
Southwest	0.79	0.88	2.25	3.18	4.35	4.55	4.37	4.13	4.14	2.64	1.70	1.17	34.15
South Central	0.93	0.98	2.31	3.46	4.20	4.45	4.39	4.11	4.33	2.9	2.08	1.32	35.47
Southeast	1.19	1.05	2.59	3.53	4.09	3.96	4.53	3.93	4.38	2.99	2.37	1.79	36.40
State	0.86	0.92	2.19	3.16	3.98	4.42	4.14	4.03	3.83	2.53	1.78	1.27	33.11

Total Snowfall (inches)	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	6.4	6.6	7.9	1.8	0.0	0.0	0.0	0.0	0.0	0.6	3.8	7.6	34.7
North Central	7.7	7.1	7.2	2.1	0.0	0.0	0.0	0.0	0.0	0.2	3.4	8.8	36.5
Northeast	7.6	7.2	6.5	1.9	0.0	0.0	0.0	0.0	0.0	0.1	3.0	8.8	35.1
West Central	6.7	6.9	6.9	1.5	0.0	0.0	0.0	0.0	0.0	0.5	3.0	7.3	32.8
Central	6.7	7.0	5.7	1.6	0.0	0.0	0.0	0.0	0.0	0.2	2.5	7.1	30.8
East Central	7.1	6.4	4.3	1.5	0.0	0.0	0.0	0.0	0.0	0.2	1.8	7.2	28.5
Southwest	6.2	6.2	4.6	1.0	0.0	0.0	0.0	0.0	0.0	0.2	2.2	6.1	26.5
South Central	6.3	6.0	3.9	1.5	0.0	0.0	0.0	0.0	0.0	0.2	2.0	5.8	25.7
Southeast	7.0	6.6	4.1	1.2	0.0	0.0	0.0	0.0	0.0	0.2	1.8	6.6	27.5
State	6.8	6.7	5.8	1.6	0.0	0.0	0.0	0.0	0.0	0.3	2.7	7.3	31.2

Temperature (F degrees)	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	14.5	20.3	32.7	47.5	59.7	69.2	73.5	70.6	61.6	49.9	34.3	19.2	46.1
North Central	14.4	20.1	32.7	47.3	59.8	69.2	73.0	70.2	61.8	50.4	34.9	19.4	46.1
Northeast	15.3	20.7	33.4	47.4	59.3	68.4	72.6	70.1	61.7	50.5	35.9	21.0	46.4
West Central	18.5	24.0	36.0	50.1	61.4	70.7	75.0	72.2	63.7	52.2	37.1	22.8	48.6
Central	17.4	22.7	35.1	49.0	60.6	69.9	74.1	71.3	63.1	51.6	37.1	22.4	47.9
East Central	19.2	24.3	36.6	50.0	61.3	70.5	74.6	72.1	64.2	52.9	38.9	24.5	49.1
Southwest	21.3	26.7	38.7	52.0	62.6	71.7	76.1	73.3	65.2	53.9	39.4	25.6	50.5
South Central	21.2	26.3	38.4	51.5	61.9	71.0	75.7	73.1	65.0	53.8	39.8	25.8	50.3
Southeast	21.9	26.9	39.1	52.2	62.8	71.9	76.3	73.6	65.8	54.6	40.9	26.9	51.1
State	18.0	23.3	35.7	49.5	60.9	70.2	74.5	71.7	63.4	52.1	37.4	22.9	48.3

Mean Heating Degrees Days*	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	1,578	1,266	1,017	542	221	32	3	21	149	481	933	1,432	7,675
North Central	1,586	1,273	1,015	548	224	31	6	20	135	465	915	1,425	7,643
Northeast	1,550	1,246	981	529	224	33	7	22	128	458	879	1,369	7,426
West Central	1,453	1,160	912	461	179	19	0	14	105	414	845	1,321	6,883
Central	1,491	1,200	939	494	203	25	2	20	116	435	849	1,334	7,108
East Central	1,439	1,159	896	465	190	18	1	14	91	401	800	1,268	6,742
Southwest	1,389	1,104	852	427	164	16	0	15	86	383	794	1,251	6,481
South Central	1,384	1,107	847	437	175	18	0	15	88	375	780	1,238	6,464
Southeast	1,349	1,079	817	405	166	13	0	12	66	348	737	1,192	6,184
State	1,475	1,182	925	482	196	23	2	17	109	421	842	1,321	6,995

T = Trace

* Provisional figures; base at 65 degrees Fahrenheit.

Source: National Climatic Data Center, U.S. Department of Commerce, N.O.A.A.;
Provided by Iowa Department of Agriculture and Land Stewardship, State Climatology Office.

FAMILIES AND CHILDREN

In Iowa in 1990, there were 740,819 family households. The census defines a family as two or more persons, including the householder, who are related by birth, marriage, or adoption, and live together as one household. Thus, in addition to the conventional family of two parents with children, many other households of relatives were considered families. Families were further classified by the sex and marital status of the householder, resulting in three general types; a married couple family, the family of a female householder with no husband present, and the family of a male householder with no wife present. The majority –by far– of Iowa families were married couple families. The proportion of this type of family has remained nearly constant between 1980 and 1990.

The number of families of female householders with no husband present increased by 12,112 from 1980 to 1990; although this percentage increase of 14% is 26% less than a decade ago. The number of families of male householders with no wife present also increased, although the numerical (5,658) and percentage (22%) jumps were much smaller than those of families of female householders with no husband present.

The number of children in married-couple families declined by more than 121,613 from 1980 to 1990. At the same time, increases were occuring in the number of children in families of female householders with no husband present (10,393) and of male householders with no wife present (7,424). In percentage terms, the decline in the number of children was 18% in married-couple families and increases for families headed by females was 11% while male householders with no spouse present had an increase of 37%. In 1990, nearly 85% of all children in families were with married couples; this was a decrease of 3% from 1980.

Type of Family by Marital Status & Sex of Householders, 1980 & 1990

Family Type	1980	Percent of Total	1990	Percent of Total
Total families	770,283		740,819	
Married Couples	677,127	87.9%	629,893	85.0%
Female householders	73,029	9.5%	85,141	11.5%
Male householders	20,127	2.6%	25,785	3.5%

Source: U.S. Department of Commerce, Bureau of the Census.

Type of Family by Presence & Number of Own Children, 1980 & 1990

Family Type	Number of Families with Children				Number of Children	
	1980	Percent of Total	1990	Percent of Total	1980	1990
Total families	396,055		366,124		785,953	682,157
Married couples	342,301	86.4%	293,815	80.3%	690,378	568,765
Female householders	46,047	11.6%	58,238	15.9%	83,128	93,521
Male householders	7,707	1.9%	14,071	3.8%	12,447	19,871

Source: U.S. Department of Commerce, Bureau of the Census.

Appendix A: Reference Section

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